

SAFETY DATA SHEET In accordance with Commission Regulation (EU) No. 453/2010 Date of edition



1

1

Date of review

 12/02/2021
 Edition

 16/03/2021
 Review

NPK 10-10-20 MgMnZn. BLUE BLUEFFICIENT

1	Identification of the substance/mixture and of the cor	pany/undertaking						
1.1	Commercial name of the product	IPK 10 10 20 MgMnZn. BLUE Bluefficient						
	Chemical name	VIX, main ingredients superphosphate, monoammonium phosphate, diammonium phosphate, ammonium sulfate, urea and potassium chloride.						
	Chemical formula	NPK complex fertilizer (EC tertilizer), NPK tertilizer, NPK						
	Ell index number (Annex 1)	Not available						
		Not available						
		Not available						
	CAS NO.	Not available						
	REACH Registration Number	lot available						
1.2	Use of the substance/preparation	EC FERTILIZER for foliar application	n. Use in dilution.					
1.3	Company name	Mirat Fertilizantes s Lu						
	Company address	Avenida aldehuela 10 Baio 37003	Salamanca Esnaña					
	Company Bhone	нопоз систома, то веро от осо, селениетов, сорене. +34 92 310 30 14						
	company r none	34 92 310 30 14						
	Company e-mail	vitaterra@mira.net						
1.4	Emergency telephone	Spain. National Institute of Toxicolog	gy +34 91 562 04 20					
2	Hazards identification							
2.1	Classification	According to Regulation 1272/20	008 [CLP].					
		Les. Oc. 1, H310						
2.2	Label elements							
2.2	According to Regulation 1272/2008	Picto	grams	Word of caution	Indications of danger	Cautionary advice		
		F	T.	0	11240	D200D205 + D220 + D254D240		
		-	C	Caution	1310	P200P305 + P336 + P351P310		
2.3	Other hazards	4. (II)						
For	une run meaning or R-phrases and/or hazard statemen	us (r1): see section 16.						
3	Composition/information on ingredients							
	Name		%p/p	Nº CAS	CLASSIFICATIO	N R. 1272/2008		
	SUPERPHOSPHATE		>10%	8011-76-5	Les. Oc. 1; H318			
	MONOAMMONIUM PHOSPHATE		Any number	7722-76-1	Not classified as hazardous			
	DIAMMONIUM PHOSPHATE		Any number	7783-28-0	Not classified as hazardous			
	AMMONIUM SULFATE		Any number	7783-20-2	Not classified as hazardous			
	URFA		Any number	57-13-6	Not classified as bazardous			
			Any number 5/-13-5 NVUCassined as inacatuous					
			Any number	7447-40-7				
	May contain other substances in such quantities that they d	o not affect the classification of the pro	oduct:					
	May contain other substances in such quantities that they do not a	ffect the classification of the product:						
	Inert: sand Magnesium oxide < 3%							
	Sodium borate < 3%.							
	Anti-caking agents < 3%.							
4	First aid measures							
4.1	Description of first aid measures							
	Inhalation	Remove affected person to fresh air	r if adverse effects occur. If victim is no	t breathing provide artific	ial respiration or if breathing is difficult, provide o	oxygen and seek immediate medical attention.		
		Do not use mouth-to-mouth resusci	itation. Consult a doctor inimediately v	tien massive dust of the	substance is initiated.			
	Ingestion	In case of discomfort take to a doct	case of discomfort take to a doctor. Rinse mouth with plenty of water and give water to drink. Do not give anything if the person is unconscious. Do not induce vomiting.					
	Skin contact	Wash affected area with soap and v	sh affected area with soap and water for at least 15 minutes. Remove contaminated clothing and footwear. Provide medical attention if irritation persists or worsens.					
	Eve contact	Flush eves with plenty of water for	r at least 15 minutes. Iffing the upper and lower available Demoirs contract longers if were and ensure de Drevide mediael attention.					
	-,	worsens.						
4.2	Main symptoms and effects	1						
l	Skin	Prolonged and repeated contact ma	ay cause irritation and dermatitis.					
	Eyes	Redness and conjunctivitis						
	Ingestion	May cause pastrointestinal disorder	s, nausea, vomiting and diarrhea					
	·····	. , good on to our lai disol della	.,,					
l	Inhalation	Dizziness, drowsiness or respiratory	aspiratory irritation					
4.3	Indication of all medical care and special treatme	ents						
	During thermal decomposition or fire, toxic gases such as	ammonia, nitrogen oxide, sulfur oxide	ulfur oxide, COx, chlorides, etc. may be produced.					
L			,					
5	Firefighting measures							
5.1	Extinguishing media Water							
	Extinguishing media NOT to use	xtinguishing media NOT to use Chemical extinguishers or foams. D			Do not smother fire with sand			
5.2	Special hazards	During heating or fire, toxic gases s	uch as ammonia, nitrogen oxide, sulfu	r oxide, COx, chlorides, e	etc. may be produced.			
L								
5.3	Advice for firefighters	No special measures required. Avoi	d breathing fumes. Open windows an	d doors for ventilation. Av	oid contamination with incompatible materials.			
	Special protection in firefighting	Self-contained breathing apparatus	and appropriate clothing					
<u> </u>								
6	Accidental release measure							
6.1	Personal precautions, protective equipment and	Avoid the formation of dust and its of product	dispersion in the wind. Ensure adequa	e ventilation. Avoid conta	act with skin, eyes and clothing. Use appropriate	protective equipment. Do not walk on spilled		
	emergency procedures	product.						
62	Environmental precautions	Prevent the product from reaching	surface water and sewane systems	. Do not discharge dire	ctly into drains. If product accidentally enters	surface water or sewage system notify local		
0.2		authorities.		accharge dife	, is a product accordingly cillers a	conago cystem, notiry local		
6.3	Methods and material for containment and cleaning	Sweep up the product and dispose	of in properly labeled containers for di	sposal. Clean the area w	ith plenty of water. Avoid dust formation and win	d dispersion. Eliminate traces of residues.		
L	up	Notes and another Ad	An address of the second s	and discond				
6.4	Reference to other sections	NOTE: see section 8 for personal pro	nective equipment and section 13 for	vaste disposal.				
—								

7	Handling and storage									
7.1	Precautions for safe handling Avoid contact with skin, eyes and clothing. Avoid dust formation. Clean equipment before handling. Do not eat, drink or smoke in the workplace. Wash hands after use. Remove contamir					se. Remove contaminated				
			n now contains many cours of courses and working reveal court contained on course of an outling. Do not ear, units of struke if the workplace, wash hands alter use. Remove containinated clothing and protective equipment before entering food areas.							
7.2	Conditions for safe storage, in incompatibilities	ncluding any	Keep away from sources of heat or materials (10.3). Do not mix with ot	fire. Keep away from moisture. Avoid her fertilizers.	I unnecessary exposure to	the atmosphere to pr	event moisture uptake. Av	oid mixing with fue	Is and incompatible	
	Recommended packaging ma	terials	Imateriais (10.3). Uo not mix with other fertilizers.							
7.3	Specific end use(s)		see section 1.2							
Note	stability and reactivity, see Se	ction 10.	<u> </u>							
8	Exposure controls/personal p	rotection								
8,1	Exposure limit values Time-weighted average (TWA) Not available									
superphysical states and stat										
					Industrial		Consumer			
			Oral		Not applicable		2.1 mg/kg			
	ISQ derived		Inhalatory		3.1 mg/m3		0.9 mg/kg			
			Dermal		17.4 mg/kg		10.4 ma/kg			
				Water	Air	Soil	Microbiological	Sediment	Oral	
		PNEC		Fresh water: 1.7 mg/l	Not available	Not available	10 mg/l	Not available	Not available	
				Marine water: 0.17 mg/l Intermittent emissions: 17 mg/l						
8.2	Exposure controls	1	If necessary, use local extractors							
	Hygienic controls		It is recommended to handle the pr	oduct in a ventilated place.						
	Individual protection		Personal protective equipment: Use	e personal protective equipment acco	rding to Directive 89/686/8	EC.				
		Eyes	In general, safety glasses with side	shields are recommended to protect	against liquid splashes.					
		Skin and body	Avoid contact with skin. The use of	gloves is recommended.						
	Control de la exposición del n	nedio ambiente	Do not discharge into running wate	r or sewage system.						
			and a second sec							
L_	Choose personal protection a	dapted to the risks of e	xposure.							
\vdash	Dhusiaal as dahan i	tion								
9 9.1	Information on basic physical	and chemical propertie	26							
1	Appearance	and chemical propertie	Granular Solid							
	Color		Blue							
	Odor		Odorless							
	Melting point		pH in 10% aqueous solution: 3-6 a Not applicable	ccording to composition						
	Boiling point		> 100 ° C. May decompose before	melting						
	Flash point		Not available							
	Evaporation rate		Not available							
	Explosive properties		Not explosive							
	Upper/lower flammability limit	s	Not available							
	Vapor pressure		Not available							
	Vapor density Relative density		Not available depending on composition betweer	n 900-1100 ka/m3						
	Solubility		Soluble in water							
	Partition coefficient n-octanol/	/water	Not available							
	Auto-ignition temperature		Not available							
	Viscosity		Not applicable							
	Explosive properties		Not applicable							
10	Stability and reactivity									
10.1	Reactivity		Stable under normal handling and	storage conditions						
10.2	Chemical stability		Stable under normal handling and	storage conditions						
10.3	Possibility of hazardous react	ions	When heated, it can produce amm	onia, nitrogen oxide, sulfur oxide, CO	x, chlorides, etc.					
10.4	Conditions to avoid		Unnecessary exposure to the atmo-	sphere, heat sources, heating, and w	elding work					
10.5	Incompatible materials		Acids, alkalis, nitrates and nitrites, s	odium or calcium hypochlorite, strong	g oxidizers, reducing agen	ts. Copper, Nickel, Co	balt, Zinc and their alloys.			
10.6	Hazardous decomposition pro	oducts	Formation of toxic gases during he section 7 for handling and storage	ating or in case of fire (ammonia, nit	rogen oxide, sulfur oxide,	COx, chlorides, etc).	Ammonia may be produce	ed if mixed with lim	e, soda, etc. (alkalis). See	
	· · ·									
11	Toxicological information									
11.1	Information on toxicological e	ffects								
	Acute toxicity	Nº CAS	Mathod	Species	Via	Popult				
		N OAG	incurou	opecies	Oral	LD 50 > 2000 mg/kg	1			
1		8011 70 5	OECD 402 OECD		Cutaneous	LD 50 > 5 mg/l				
1	OUTENTINOPTALE	0-011-70-5	403 OECD 425		mitalauon	Based on available d	ata, the classification crite	ria are not met.		
	MONOAMMONIUM		+	Rat	Oral	DL 50 > 2000 mg/ka	1			
	PHOSPHATE	7722-76-1		D. (a /	0 0 0 00 0000 0				
	DIAMMONIUM PHOSPHATE	7783-28-0		Rat	Oral	DL 50 > 2000 mg/kg				
	AMMONIUM SULFATE	7783-20-2		Rat	Oral	DL 50 40 0 45 mm/	g/kg			
	UREA	57-13-6		Rai	Olai	DL 50 $> 3020 \text{ mg/kg}$	y I			
	POTASSIUM CHLORIDE	7447-40-7		Not available	Oral	be out out on any many				
1	ļ									
1	Corrosion / skin irritation									
1	Component	Nº CAS	Method	Species	Result					
1			1	Rabit	Non-irritant.					
1	SUPERPHOSPHATE	8011-76-5	OECD 404		Based on available data,	the classification crite	ria are not met.			
1		1	l		l					
1	Severe eve injury/irritation									
1	Component	Nº CAS	Method	Species	Result					
1										
1	SUPERPHOSPHATE	8011-76-5	OECD 405	Rabit	Irritant.					
1	Respiratory system or skin se	nsitization								
1	Component	Nº CAS	Method	Species	Via	Result				
1	SUPERPHOSPHATE	8011-76-5	OECD 429	Rat	Cutaneous Respiratory	Not sensitizing. Base Not available 1 ack of	ed on available data, the cl	assification criteria	are not met.	
1										

	Carcinogenicity	Nº CAS	Mothod		Spacias	Via	Recult		
		8011 76 5	Not availabl	10	Not available	Not available	Not available		
	SUPERPHOSPHATE	Not available				NOT AVAILABLE			
	Nutagenicity in germ cells								
	Component	Nº CAS	Method		Species	Via	Result		
					Bacteria	Not available	Not mutagenic		
		8011-76-5	OECD 471	OECD	Mammalian Cells Mammalian cells		Not mutagenic Not mutagenic		
		0011-70-0	476	0200			Based on available data, the classification crite	ria are not met.	
	Reproductive toxicity								
	Component	Nº CAS	Method		Species	Via	Result		
					Rat	Oral	NOAEL = 750 mg/kg		
	SUPERPHOSPHATE	8011-76-5	OECD 422				Based on available data, the classification crite	ria are not met.	
						•	·		
	Specific target organ toxicity (STOT) - single exposur	e						
	Component	Nº CAS	Method		Species	Via	Result		
	SUPERPHOSPHATE	8011-76-5					Not applicable. Based on available data, the cla	assification criteria are not met.	
	Specific target organ toxicity (SIOI) - repeated expos	sure	/e					
	Component	Nº CAS	Method		Species	Via	Result		
	SUPERPHOSPHATE	8011-76-5					Not applicable. Based on available data, the cla	assification criteria are not met.	
	Aspiration hazard								
	Component	Nº CAS	Method		Species	Via	Result		
	SUPERPHOSPHATE	8011-76-5				1	Not available		
			·			•	•		
12	Ecological information								
12.1	Toxicity								
	Aquatic toxicity								
	Component		Nº CAS		Fish		Crustaceans	Algae	
	SUPERPHOSPHATE			8011-76-5	CL 50 (96h) > 85.9 mg/l		CE 50 (72h) > 1790 mg/l	CE 50 (72h) > 87.6 mg/l	
	MONOAMMONIUM PHOSPHAT	ΓE		7722-76-1	CL 50 (96h) > 85.9 mg/l		CL 50 (72h) 1790-1825 mg/l	NOEC (72h) > 97,1 mg/l	
				7783-28-0	CL 50 (96h) 1700-1875 mg/l		CL 50 (48h) 52-81 mg N amoniacal / I	NOEC (/2h) > 97,1 mg/l	
				57 12 6	CL 50 (96n) > 53 mg/l		CE 50 (96n) > 168,8 mg/l	CE 50 (188) 2700 mg/l	
	POTASSIUM CHI ORIDE			7447-40-7	CL 50 (96h) 750-1020 mg/l		CL 50 (24h) × 10000 mg/l	NOFC (72h) > 100 mg/l	
				141-40-7	62 66 (661) 766 7626 high			1020 (1211) · 100 mg/	
	Terrestrial Toxicity								
	Component		Nº CAS		Macroorganisms		Microorganisms	Other organisms	
	SUPERPHOSPHATE			8011-76-5	Not available		Not available	Not available	
	Microbiological activity in was	tewater treatment plant	s						
	omponent N° CAS Toxicity to aquatic microorganisms								
					realery to aquate mereorgamer	ns			
	SUPERPHOSPHATE			8011-76-5	EC 50 (3h) > 100 mg/l	ns			
12.2	SUPERPHOSPHATE Persistence and degradability			8011-76-5	EC 50 (3h) > 100 mg/l	ns			
12.2	SUPERPHOSPHATE Persistence and degradability Component		Nº CAS	8011-76-5	EC 50 (3h) > 100 mg/l	ns	Photolysis	Biodegradability	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE		Nº CAS	8011-76-5	EC 50 (3h) > 100 mg/l	ns	Photolysis Not applicable	Biodegradability Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHAT	ſE	Nº CAS	8011-76-5 8011-76-5 7722-76-1	Aquatic life Not available Not available	ns	Photolysis Not applicable Not available	Biodegradability Not applicable Easily	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHAT DIAMMONIUM PHOSPHATE	Έ	Nº CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0	Aquatic life Not available Not available Not available	ns	Photolysis Not applicable Not available Not available	Biodegradability Not applicable Easily Easily	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONQAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE AMMONIUM SULFATE	Έ	Nº CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2	Aquatic life Aquatic life Not available Not available Not available Not available	15	Photolysis Not applicable Not available Not available No evidence	Biodegradability Not applicable Easily Easily Inorganic substance	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6	Aquatic life Not available	15	Photolysis Not applicable Not available Not available No evidence Not available	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE	TE	Nº CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Not available	15	Photolysis Not applicable Not available Not available No evidence Not available Not available	Biodegradability Not applicable Easly Easly Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Not available	15	Photolysis Not applicable Not available Not available Not available Not available	Biodegradability Not applicable Easly Easly Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Not available Octanol-water partition coefficient	ns	Photolysis Not applicable Not available Not available Not available Not available Not available Not available	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/i in 1h at 20°C Inorganic substance Bioaccumulation potential	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE	TE	Nº CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5	Aquatic life Not available Octanol-water partition coefficient No relevant	t (Kow)	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE	re re	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1	Aquatic life Not available	t (Kow)	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE	re 	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0	Aquatic life Not available	ns	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE	re	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2	Aquatic life Not available	ns	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/i in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA	ГЕ ТЕ ТЕ	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7743-20-2 57-13-6 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-20-2 57-13-6	Aquatic life Aquatic life Not available Not avavailable <td< th=""><th>rs</th><th>Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF)</th><th>Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Eow bioaccumulation potential</th></td<>	rs	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Eow bioaccumulation potential	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE	ΓΕ ΓΕ	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7743-28-0 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Aquatic life Not available Not applicable -1,73 Not applicable	ns	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/i in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE UNEAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONQAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE	TE TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7747-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Not available No relevant No relevant Not available Not applicable -1,73 Not applicable	ns	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/i in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE DIAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Mobility on the ground	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7743-28-0 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Not available Nor leavant No relevant Not available Not applicable -1,73 Not applicable	ns	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/i in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE MOBILITY	ГЕ ГЕ	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7	Aquatic life Not available Octanol-water partition coefficien Not available Not available Octanol-water partition coefficien Not available Not applicable -1,73 Not applicable	ns	Photolysis Not applicable Not available Not available Not available Bioconcentration factor (BCF)	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE MONOAMMONIUM CHLORIDE MObility on the ground Component	re re	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 57-13-6 7447-40-7	Aquatic life Aquatic life Not available Not available Not available Not available Octanol-water partition coefficien No relevant Not available Not available - Not available Not available Not available Not available Not available Not applicable - 1.73 Not applicable -	ns	Photolysis Not applicable Not available Not available Not available Not available Bioconcontration factor (BCF) Result	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not applicable Low bioaccumulation potential Not applicable Iow bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE	re re	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 57-13-6 7447-40-7 8011-76-5 8011-76-5 8011-76-5 8011-76-5	Aquatic life Aquatic life Not available Not available Not available Not available Octanol-water partition coefficien No relevant Not available Not available	t (Kow)	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE	ΓΕ ΓΕ ΓΕ	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 8011-76-5 8011-76-5	Aquatic life Aquatic life Not available Not available Not available Not available Octanol-water partition coefficien No relevant Not available	t (Kow) Low adsorption potential Not applicable	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE	ГЕ	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 8011-76-5 7447-40-7	Aquatic life Aquatic life Not available Octanol-water partition coefficient No relevant Not available Adsorpticable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE	ГЕ ГЕ ГЕ ГЕ	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-20-2 57-13-6 7447-40-7	Aquatic life Aquatic life Not available Octanol-water partition coefficient No relevant Not available Not available Not available Not available Not available Not available Adsorption Adsorption Volatilization Soluble in water and citrate. Rapidly	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result prganisms. prganisms.	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7743-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0	Aquatic life Aquatic life Not available Octanol-water partition coefficient Not available Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result prganisms. prganisms.	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-28-0 7783-20-2 57-13-6 7783-20-2 57-13-7 57-1	Aquatic life Aquatic life Not available Octanol-water partition coefficien No relevant Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result	Biodegradability Not applicable Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHO		N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 77447-40-7 8011-76-5 7722-76-1 7742-76-1 7783-28-0 7783-28-0 7783-28-0 7783-28-0 57-13-6	Aquatic life Aquatic life Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF) Result Corpanisms. Drganisms. Drganisms.	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE		N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 77447-40-7 8011-76-5 7722-76-1 8011-76-5 7722-76-1 7783-28-0 7447-40-7	Aquatic life Aquatic life Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result Dorganisms. Drganisms.	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not applicable Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM CHLORIDE Beaute of BET and -T-T-T		N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7743-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7713-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7713-6 7447-40-7	Aquatic life Aquatic life Not available Octanol-water partition coefficient No relevant Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result Corganisms. Corganisms. Corganisms.	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Eury bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHA	TE T	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7743-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7743-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7743-20-2 57-13-6 7447-40-7 organic in nature	Aquatic life Aquatic life Not available Octanol-water partition coefficient No relevant Not available Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Stoconcentration factor (BCF) Result Result Sorganisms. Sorganisms.	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable	
12.2	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHO	TE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7783-28-0 7747-40-7 8011-76-5 7722-76-1 7783-28-0 7783-2	Aquatic life Aquatic life Not available Octanol-water partition coefficient No relevant Not available Adsorption Volatilization Soluble in water Soluble in water </th <th>t (Kow) Low adsorption potential Not applicable transformed by soil microo</th> <th>Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result</th> <th>Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable</th>	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable	
12.2 12.3 12.4 12.5	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE MODINUM SULFATE UREA SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Results of PBT and vPVB asses PBT/vPvB assessment has not b	TE T	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-2	Aquatic life Aquatic life Not available Octanol-water partition coefficient No relevant Not available Soluble in water and citrate. Rapidly Solub	t (Kow) Low adsorption potential Not applicable transformed by soil microo transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Bioconcentrati	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable	
12.2 12.3 12.4 12.5	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE MODIBILITY on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Results of PBT and vPVB asses PBT/vPvB assessment has not b Other adverse effects A heavy split can cause adverse	TE T	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 organic in nature.	Aquatic life Aquatic life Not available Not available Not available Not available Not available Not available Octanol-water partition coefficien Not available Octanol-water partition coefficien Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (&CF) Result result	Biodegradability Not applicable Easily Easily Inorganic substance 10,9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable	
12.2 12.3 12.4 12.5	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE QREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Results of PBT and vPvB asses PBT/vPvB assessment has not b Other adverse effects A heavy spill can cause adverse	TE T	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 organic in nature.	Aquatic life Aquatic life Not available Octanol-water partition coefficien Not available Not applicable -1.73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Not available Bioconcentration factor (BCF) Result Result	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Low bioaccumulation potential Not applicable Low bioaccumulation potential Not applicable	
12.2 12.3 12.4 12.6 13	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Results of PBT and vPvB asso PBT/vPvB assessment has not b Other adverse effects A heavy spill can cause adverse Disposal considerations	rE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 organic in nature.	Aquatic life Aquatic life Not available Octanol-water partition coefficient Not available Not available Not available Not available Not available Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Photolysis Not applicable Not available Not available Not available Stoconcentration factor (BCF) Result Result Strans. Str	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable	
12.2 12.3 12.4 12.5 12.6	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Results of PBT and vPvB assessment has not b Other adverse effects A heavy spill can cause adverse Disposal considerations Waste treatment methods	rE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 77447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 77447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-20-2 57-13-6 7447-40-7 organic in nature.	Aquatic life Aquatic life Not available Not applicable -1,73 Not applicable Adsorption Volatilization Soluble in water and citrate. Rapidly Soluble in water Soluble in water Soluble in water	t (Kow) Low adsorption potential Not applicable transformed by soil microo	Photolysis Not applicable Not available Not available Not available Stoconcontration factor (BCF) Result Result	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable	
12.2 12.3 12.4 12.5 12.6	SUPERPHOSPHATE Persistence and degradability Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Potencial de bioacumulación Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE MONOAMMONIUM PHOSPHATE UREA POTASSIUM CHLORIDE Mobility on the ground Component SUPERPHOSPHATE MONOAMMONIUM PHOSPHATE AMMONIUM SULFATE UREA POTASSIUM CHLORIDE Results of PBT and vPvB assessment has not b Other adverse effects A heavy spill can cause adverse of Disposal considerations Wasto treatment methods Depending on the degree and n UREA	rE	N° CAS	8011-76-5 8011-76-5 7722-76-1 7783-28-0 7783-20-2 57-13-6 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7447-40-7 8011-76-5 7722-76-1 7783-28-0 7783-28-0 7783-28-0 7783-20-2 57-13-6 7447-40-7 organic in nature. ication in surface waters		t (Kow) Low adsorption potential Low adsorption potential Not applicable transformed by soil microo transformed by soil microo end of fertilizers or disposed e of fertilizers or disposed e of of managed in accord	Photolysis Not applicable Not available Not available Not available Not available Stoconcontration factor (BCF) Result Result Srganisms. Srganisms. Srganisms. Srganisms. Stoconcontration factor Stoconcontration	Biodegradability Not applicable Easily Easily Inorganic substance 10.9 mg/l in 1h at 20°C Inorganic substance Bioaccumulation potential Low bioaccumulation potential Not available Not available Not applicable Low bioaccumulation potential Not applicable Combine	

14	Transport information									
14.1 - 14.6	Información Reglamentaria	ONU Number	Proper shipping name	Class	Packing group	Environmental hazards	Special precautions for users			
	International carriage of dangerous goods by road (ADR)	Not applicable	Not classified as hazardous material for transport within the transport regulations							
	Maritime Transportation (IMDG)	Not applicable	Not classified as hazardous material for transport within the transport regulations							
	Air transportation (ICAO/IATA)	Not applicable	Not classified as hazardous material for transport within the transport regulations							
14.7	Transport in bulk according t	Transport in bulk according to Marpol 73/78 Annex II and IBC Code: Not applicable.								
15	Regulatory information									
15.1	Safety, health and environme	ntal regulations and leg	islation specific to the substance	or mixture						
	Fertilizer Regulation 2003/2003									
	R.D. 824/2005									
	Regulation 1907/2006 (REACH)								
	Regulation 1272/2008 (CLP)									
15.2	Chemical Safety Assessment									
	No data available									
16	Other information									
Hazard statements H318:Causes serious eye damage										
	Cautionary advice		P280.Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, P301+P310: F SWALLOWED: Immediately call a POISON CENTER or doctor/physician.							
	Bibliographic references and	data sources	Chemical Safety Report of the substance. EFMA/FERTILIZER EUROPE Guidance Documents.							
			NA: Not applicable							
			MMAD: Mean Mass Aerodynamic Diameter							
	Abbreviations and acronyms		VLA-ED: environmental limit value (daily exposure)							
			VLA-EC: environmental limit value (short duration)							
			NOAEL: doses with no observed adverse effects							
			DL50: 50% lethal dose							
			CL50: 50% lethal concentration							
			CE50: 50% effective concentration							
			DNEL: concentration without derivative effect							
			PNEC: expected concentration with	no effect						
			LOEC: lowest observed effect concentration							
			NOEC: non observed effect concentrated							
			NOAEC: non observed adverse effects concentrated							
	Adequate training for workers	5	Mandatory training in Occupational	Risk Prevention.						
	Modifications introduced in the	he current revision	Adaptation to Regulation 453/2010							
The	information contained in this Safe	ety Data Sheet is given in g	good faith and in the belief of its accu part of the Company	racy, based on the knowledge availa r for the consequences of its use or n	ble about the product at th nisuse in any particular cire	e time of publication. It does not imply acceptan sumstances.	ice of any commitment or legal liability on th			

Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 1

1	Title of the Exposure Scenario						
	Substance manufacture						
-							
~	Description of the activities or an						
2	Description of the activities or processes covered by	the exposure scenario.					
	Sector of Use (SU)	SU 3: Industrial uses: uses of substances on their own or in preparations at industrial					
	Draduat Catagon (DC)	SU 6. Daik criemical manufacture un a large scale (including percetan producta)					
	Product Category (PC)						
	Process Category (PROC)	PROC 1: Use in closed processes, improbable exposure					
		PROC 2: Use in closed, continuous processes with occasional controlled exposure					
		PROC 3: Use in closed batch processes (synthesis or formulation)					
	Article Category (AC)						
	Environmental Emission Category (ERC)	ERC 1: Substance Manufacturing					
	· · · · · · · · · · · · · · · · · · ·						
3	Operating conditions (worst case)						
3.1	Operating conditions relating to use						
	Duration and frequency	> 4 hours her day					
2.2	Substance related operating conditions	r + nous por day					
3.2	Substance-related operating conditions	-					
	Physical form	Granular Solid					
	Volatility	Low					
	Substance concentration	Substance as such					
2.2	Other exercting conditions that determine expective						
3.3	Other operating conditions that determine exposure						
	The activity can be carried out both indoors and outdoors.						
4	Risk management measures						
4.1	Measures relating to workers	Wear safety glasses					
		Good ventilation conditions					
		Wear gloves					
		Minimize the number of exposed personnel					
		Use effective contaminant extraction systems					
		Minimize manual handling Avaid contractivity of contractionated objects and instruments					
		Avoid contact white contract management Required Cast and Instruments Required Cast and Avoid Cast and Required Cast and Requirement					
		Monitoring of the site to ensure that risk management measures are being implemented					
		Training of personnel on good practices					
		Maintain standard conditions of personal hygiene					
4.2	Measures relating to consumers	Not applicable					
4.3	Environmental measures	Not available					
4.4	measures relating to waste	Not available					
5	Estimated exposure under the conditions described.						
5.1	Worker exposure						
	If sight management many use are applied as accurate the	autoriana in anti-autoriana					
	If fisk management measures are applied, exposure to the	substatice is not expected.					
5.2	Consumer exposure						
	Not applicable						
E 2	Indirect exposure of people through the environment						
5.3	s incorrect exposure or people through the environment						
5.3	Not available						
5.5	Not available						
5.4	Not available Environmental exposure						
5.4	Not available Environmental exposure Not implemented						
5.4	Not available Environmental exposure Not implemented						
5.4	Not available Environmental exposure Not implemented	rating conditions					
5.3	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant	rating conditions					
5.3	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	rating conditions					
5.3	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	rating conditions					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	rating conditions					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant						
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
6	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 nediate substance					
5.4 6	Not available Environmental exposure Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4	Not available Environmental exposure Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 nediate substance the exposure scenario.					
5.4	Not available Environmental exposure Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU)	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 rediate substance the exposure scenario. SU 3: industrial uses: Uses of substances as such or in preparations at industrial sites.					
5.4 6 1	Not available Environmental exposure Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU)	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 nediate substance the exposure scenario. SU 3: Industrial uses: Uses of substances as such or in preparations at Industrial sites SU 10: Formulation (mixing) of preparations and/or repackaging (not including aloys)					
5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Environt Category (RC)	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 rediate substance te exposure scenario. SU 3: Industrial uses: Uses of substances as such or in preparations at industrial sites SU 10: Formulation (mking) of preparations and/or repackaging (not including alloys) Ct. 32: Endiatement 10: Intermediates SU 10: Formulation (mking) of preparations and/or repackaging (not including alloys) Ct. 32: Endiatement 10: Intermediates					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC)	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 rediate substance the exposure scenario. SU 3: industrial use: Uses of substances as such or in preparations at industrial sites SU 10: Formulation (mixing) of preparations and/or repackaging (not including aloys) PC 12: PertilizersPC 19: Intermediates PC 20: Products such as MIC required in the preparations and metalizing agents					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC)	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 rediate substance the exposure scenario. SU 3: Industrial uses: Uses of substances as such or in preparations at industrial sites SU 10: Formulation (mixing) of preparations and/or repackaging (not including aloys) PC 12: FertilizersPC 19: Intermediates PC 20: Products such as pH regulators, focculants, precipitating and neutralizing agents					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intem Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC)	Tating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Industrial uses: Uses of substances as such or in preparations at industrial sites SU 10: Formulation (mixing) of preparations and/or repackaging (not including aloys) PC 12: FertilizersPC 19: Intermediates PC 20: Products such as pH regulators, flocculants, precipitating and neutralizing agents PROC 1: Use in closed processes, unlikely exposure PROC 2: Use in closed and continuous processes with occasional controlled exposure PROC 3: Use in closed batch processes					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PROC) Process Category (PROC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.3 5.4 6 1	Not available Environmental exposure Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC)	Prediate substance					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.3 5.4 6 1	Not available Environmental exposure Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as inter Description of the activities or processes covered by Sector of Use (SU) Product Category (PROC) Process Category (PROC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC)	The analysis of the substance of substances are preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 81: Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Atticle Category (AC)	ating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Industrial uses Uses to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Industrial uses Uses of substances as such or in preparations at industrial altes SU 1: formulation (intern) of preparations and/or repackaging (not including adoys) I 2: FertilizersPC 1: Intermediates PROC 1: Use in closed processes with occasional controlled exposure PROC 2: Use in closed batch processes (synthesis or formulation) PROC 2: Use in closed processes with occasional controlled exposure PROC 3: Use in closed batch processes (synthesis or formulation) PROC 2: Use in closed processes with occasional controlled exposure PROC 3: Use in closed batch processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 5: Mixing in batch processes for the formulation of preparations and articles (multiple phases and/or significant contact). PROC 3: Use in closed statch processes (synthesis or formulation) PROC 4: Use in closed processes with occasional controlled exposure PROC 3: Use in closed statch processes (synthesis or formulation) PROC 4: Use in closed processes with occasional controlled exposure PROC 3: Use in closed and the processes (synthesis or formulation) PROC 4: Use in closed processes with occasional controlled exposure PROC 3: Use in closed batch processes (synthesis or formulation) PROC 4: Use in closed processes with occasional controlled exposure PROC 8: Transfer of substances or preparations (loading/unbading) from or to vessels or large containers in non-specialized facilities PROC 8: Transfer of substances or preparations (loading/unbading) from or to vessels or large containers in non-special calculates PROC 8: Transfer of substances or preparations (loading/unbading) from or to vessels or large containers in non-special calculates PROC 8: Transfer of substances or preparations (loading/unbading) from or to vessels or large					
5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.3 5.4 6 1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Operating conditions (worst case)	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Indiate substance Indiates substance It and the substance set such or in preparations and/or repeataging (not including along) It is indicated tasks such as pH regulators, floculants, precipitating and neutralizing agents PRO 2: Is do to closed and continuous processes with occasional controlled exposure PRO 2: Use in closed processes (synthesis or formulation) PRO 1: Use in closed and continuous processes with occasional controlled exposure PRO 2: Use in closed and continuous processes with occasional controlled exposure PRO 2: Use in closed processes PRO 2: Is do to closed and continuous processes with occasional controlled exposure PRO 2: Use in closed processes PRO 2: Is in a closed batch processes (synthesis or formulation) PRO 2: Use in closed and continuous processes for the formulation of preparations and articles (multiple phases and/or significant controlled exposure PRO 2: Use in closed processes PRO 2: Is in a closed batch processes (synthesis or formulation) PRO 2: Use in closed and continuous processes for the formulation of preparations and articles (multiple phases and/or significant controlled exposure PRO 2: Use in closed processes PRO 2: Is in a closed batch processes (synthesis or formulation) PRO 2: Use in closed processes PRO 2: Is in a closed batch processes (synthesis or formulation) PRO 2: Use in closed and continuous processes for the formulation of preparations and articles (multiple phases and/or significant controlled PRO 3: Transfer of substances or preparations (solating)unitading) from or to wessels or targe containers in anon-specialized facilities PRO 2: Is in a closed batch processes (synthesis or formulation) processes (synthesis or formulation significant controlled PRO 4: Transfer of substances or preparations (solating)unitading) from or to wessels or targe containers in dodcated facilities PRO 4: Transfer of substances or preparations (solating)unindading) from or to wessels or targe cont					
5.3 5.4 6 1 2 3 3.1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Operating conditions (worst case) Operating conditions relating to use	ating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Indiate substance Indiate substance set to the set of substance set of the preparations at industrial sites SU 16: Formulation (mixing) of preparations and/or repackaging (not including alloys) Indiate substance Indiate substance set of substances as such or in preparations at industrial sites SU 16: Formulation (mixing) of preparations and/or repackaging (not including alloys) Indiate substance Indiate substance set of substances as such or in preparations at industrial sites SU 16: Formulation (mixing) of preparations and/or repackaging (not including alloys) Indiate substance such as pH regulators, flocoulants, precipitating and neutralizing agents PROC 11: Use in closed and continuous processes with occasional controlled exposure PROC 3: Use in closed batch processes (synthesis or formulation) PROC 4: Use in closed and continuous processes the substances (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation) PROC 4: Use in closed processes (synthesis or formulation in synthologing) from or to vesteled					
5.4 6 1 2	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Operating conditions relating to use	ating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6 1 2 3 3.1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Covers Category (AC) Environmental Emission Category (ERC) Operating conditions relating to use Duration and frequency	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 rediate substance Rodate substance SU 3: Industrial uses: Uses of substances as such or in preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations at industrial sites SU 10: Formulation (infining) of preparations and/or preparations and industrial sites SU 10: Formulation (infining) of preparations and/or preparations and industrial sites SU 10: Formulation (infining) of preparations flocaling infining agents PRC 2: Use in closed and processes (with exposure PRC 2: Use in closed and continuous processes with occasional controlled exposure PRC 2: Use in closed batch processes (with accessional controlled exposure PRC 2: Use in closed and continuous processes for the formulation of preparations and articles (multiple phases and/or significant controlled PRC 8: Transfer of substances or preparations (coaling/unloading) from or to vessels or targe containers in non-specialized facilities PRC 8: Transfer of substances preparations (coaling/unloading) from or to vessels or targe containers in non-specialized facilities PRC 8: Transfer of substances preparations (coaling/unloading) from or to vessels or targe containers in non-specialized facilities PRC 8: Transfer of substances are preparations (coaling/unloading) from or to vessels or targe containers in non-specialized facilities PRC 8: Transfer of substances are preparations (coaling/unloading) from or to vessels or targe conta					
5.4 6 1 2 3 3.1	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PCC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Operating conditions (worst case) Operating conditions relating to use Duration and frequency Subchases solated counties continues	rating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 nediate substance Not available substance as such or in preparations at industrial ates SU 1: 6 Formulation (mixing) of preparations and/or repackaging (not including aloys) PC 1: 2: Fertilizen/PC 1: Intermediate PC 2: Use in closed and continuous processes with occasional controlled exposure PROC 3: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes with occasional controlled exposure PROC 3: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes with occasional controlled exposure PROC 3: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulation) PROC 4: Use in closed and continuous processes (with easis or formulatio					
5.4 6 1 2 3 3.1 3.2	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Derating conditions relating to use Duration and frequency Substance-related operating conditions	ating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 nediate substance Not a provide the substance of substances as such or in preparations and or repeations and/or repeations and contributed exposure PROC 3. Use in closed batch processes with occasional controlled exposure PROC 3. Use in closed batch processes (with closed or properations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 8. Transfer of substances or preparations (loading/unloading) from or to vessels or large containers in non-specialized facilities PROC 8. Transfer of substances or preparations in small containers (dedicated filing lines, including weightig) Not available RC 6a. Industrial use leading to the manufacture of another substance (use of intermediates) A to hours per day					
5.4 6 3 3.1 3.2	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Operating conditions relating to use Duration and frequency Substance-related operating conditions Physical form	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6 1 2 3 3.1 3.2	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as interm Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PCC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Operating conditions relating to use Duration and frequency Substance-related operating conditions Physical form	Testing conditions					
5.4 6 1 2 3 3.1 3.2	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Coperating conditions relating to use Duration and frequency Substance-related operating conditions Physical form Volatility	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6 1 2 3 3.1 3.2	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Derating conditions relating to use Duration and frequency Substance-related operating conditions Physical form Volatility	ating conditions Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 rediate substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Substance Rediate Rediate Substance Rediate Redi					
5.4 6 1 2 3 3.1 3.2 3.3	Not available Environmental exposure Not implemented Information for the downstream user to evaluate oper Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Article Category (AC) Environmental Emission Category (ERC) Derating conditions relating to use Duration and frequency Substance-related operating conditions Physical form Volatility Other operating conditions that determine exposure	Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 Annexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2					
5.4 6 1 2 3 3.1 3.2 3.3	Not available Environmental exposure Not implemented Information for the downstream user to evaluate open Not relevant Title of the Exposure Scenario Industrial use for formulation of preparations, use as intern Description of the activities or processes covered by Sector of Use (SU) Product Category (PC) Process Category (PROC) Process Category (PROC) Coperating conditions (worst case) Operating conditions relating to use Duration and frequency Substance-related operating conditions Physical form Volatility Other operating conditions that determine exposure Activity carried out indoors	Antexes to the Safety Data Sheet SUPERPHOSPHATE Exposure Scenario 2 nediate substance nediate substance Not an environment of the statement of the statemen					

4	Risk management measures				
4.1	Measures relating to workers	Not applicable			
4.2	Measures relating to consumers	Wear safety glasses Avoid splashes Apply downwind Read the product label			
4.3	Environmental measures	Environmentally safe			
4.4	Measures relating to waste	Manage waste according to local regulations.			
5	Estimated exposure under the conditions described.				
5.1	Worker exposure				
	Not applicable				
5.2	Consumer exposure				
	If operating conditions and risk management measures are	e applied, exposure is not expected to occur.			
5.3	Indirect exposure of people through the environment				
	Not available				
5.4	Environmental exposure				
	Not relevant				
6	Information for the downstream user to evaluate oper	ating conditions			
	Not relevant				