

SAFETY DATA SHEET

Ammonium Polyphosphate Solution 11-37-0

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier Product name EC number <u>REACH Registration numb</u>	: 269-789-	ım Polyphosphate Solution 11-37-0 9	
Registration nur	mber	Substance	
Exempt Polymer. 01-2119488166-29-XXXX 01-2119490974-22-XXXX		Ammonium polyphosphate Ammonium dihydrogen orthophosphate Diammonium hydrogenorthophosphate	
CAS number Product code Product description Product type Other means of identification		945, 3288-27945 ILISER NP Fertiliser Solution 11-37-0	

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	
Fertiliser. Fertiliser Blend Component	
Uses advised against Reason	
Not applicable	Evaluation

1.3 Details of the supplier of the safety data sheet

 Mutrien Europe SA

 Avenue Louise 326/36

 1050 Bruxelles

 Belgium

 Tel : +32 (0)2 646 70 00

 Fax : +32 (0)2 646 68 60

 commercial@nutrien.eu

e-mail address of person : productsafety@nutrien.com responsible for this SDS

1.4 Emergency telephone number

National advisory body/Poison Centre

Felephone number	: Nutrien Safety Data Sheets are available in many languages at https://agproducts. nutrien.com/products/
	Physicians, Poison Centres, or the Public may contact Nutrien's Global Emergency
	Response Number 24/7/365 for service in many languages at +1 303 389 1654
	AUSTRIA +43 1 406 43 43
	AZERBAIJAN +994 125 979 924
	BELARUS +375 17 287 00 92
	BELGIUM +32 70 245 245
	BULGARIA +359 2 9154 378; +359 887 435 325
	CROATIA +358 1 2348 342
	CZECH REPUBLIC +420 22 49 192 93

: 5.5

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	SWEDEN 112 (national callers); +46 (0)10 456 6700
	SPAIN +34 91 562 0420
	SLOVENIA +386 41 635 500
	SLOVAKIA +421 2 5477 4166
	SERBIA +381 11 3608 440
	Saint-Petersburg +7 921 757 3228
	Moscow +7 495 628 1687
	Ekaterinburg +7 343 229 98 57
	RUSSIAN FEDERATION
	ROMANIA +402 212 106 282
	PORTUGAL 808 250 143 (national callers)
	Wroclaw +48 71 343 30 08
	Warszawa +48 22 619 66 54
	Sosnowiec +48 32 266 11 45
	Lòdz +48 42 63 14 724
	Krakow +48 12 411 99 99
	Gdansk +48 58 682 04 04
	POLAND
	NORWAY +47 22 59 13 00
	NETHERLANDS +31 30 274 88 88
	LITHUANIA +370 5 236 20 52; +370 687 533 78
	KAZAKHSTAN +7 3272 925 868
	Turin +39 011 663 7637
	Rome +39 06 305 43 43
	Pavia +39 38 224 444
	Padova +39 49 827 50 78
	Milan +39 02 6610 1029
	Genoa +39 10 563 62 45
	Foggia +39 881 732 326
	Firenze +39 55 794 7819
	Bergamo +39 800 883 300
	ITALY
	ISRAEL +972 4 854 19 00
	IRELAND +353 1 837 9964 (medical professionals) +353 1 809 2166 (public)
	ICELAND +354 543 22 22
	HUNGARY +36 80 20 11 99
	GREECE +30 21 07 79 37 77
	Munich +49 89 192 40
	Mainz +49 6131 192 40
	Homburg (Saar) +49 6841 192 40
	Goettingen +49 551 192 40
	Freiburg +49 761 192 40
	Erfurt +49 361 730 730
	Bonn +49 228 192 40
	Berlin +49 30 192 40
	GERMANY
	GEORGIA +995 99 53 33 20
	Toulouse +33 (0)5 61 77 74 47
	Strasbourg +33 (0)3 88 37 37 37
	Rennes +33 (0)2 99 59 22 22
	Paris +33 (0)1 40 05 48 48
	Nancy +33 (0)3 83 22 50 50
	Marseille +33 (0)4 91 75 25 25
	Lyon +33 (0)4 72 11 69 11
	Lille 0800 59 59 59 (national callers)
	Bordeaux +33 (0)5 56 96 40 80
	Angers +33 (0)2 41 48 21 21
	FRANCE
	FINLAND +358 9 471977
	ESTONIA 16662; +372 62 69 379
	DENMARK +45 82 12 12 12
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	SWITZERLAND +41 44 251 51 51 (in Switzerland dial 145)
	THE FORMER YUGOSLAVIA +38 923 147 635
	TURKEY +90 0312 433 70 01 or 0 800 314 7900
	UNITED KINGDOM
	Belfast 844 892 0111
	Birmingham 844 892 0111
	Edinburgh 844 892 0111
	Newcastle Upon Tyne +44 191 2606182; +44 191 2606180
	Penarth 844 892 0111
<u>Supplier</u>	
Telephone number	: Nutrien Europe SA
	EMERGENCY TELEPHONE NUMBERS:
	Transportation: 00-1-303-389-1654
	Medical: 00-1-303-389-1654
Hours of operation	: 24/7/365
	. 20000

SECTION 2: Hazards identification

2.1 Classification of the su	ubstance or mixture
Product definition	: Multi-constituent substance
Classification according	to Regulation (EC) No. 1272/2008 [CLP/GHS]
Not classified.	

The product is NOT classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word	: Not applicable.
Hazard statements	: Not applicable.
Precautionary statements	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.
Hazardous ingredients	: Not applicable.
Supplemental label elements	: Safety data sheet available on request.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles <u>Special packaging requirem</u>	: Not applicable.

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SECTION 2: Hazards identification

Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards	
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII	: Not applicable.
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: Not applicable.
Other hazards which do not result in classification	: Not available.

SECTION 3: Composition/information on ingredients

3.1 Substances : M	/lulti-constituent substance			
Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
Polyphosphoric acids, ammonium salts	EC: 269-789-9 CAS: 68333-79-9	>36	Not classified.	[A]
Ammonium dihydrogen orthophosphate	REACH #: 01-2119488166-29-XXXX EC: 231-764-5 CAS: 7722-76-1	<10	Not classified.	[A]
Diammonium hydrogenorthophosphate	REACH Reg.#: 01-2119490974-22-XXXX EC No.: 231-987-8 CAS #: 7783-28-0	<9	Not classified.	[A]
Water	EC: 231-791-2 CAS: 7732-18-5	45	Not classified.	[A]

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

<u>Type</u>

[A] Constituent

[B] Impurity

[C] Stabilising additive

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first ai	
Eye contact	 Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention if irritation occurs.
Inhalation	: No special measures are typically indicated. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if irritation develops.

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SECTION 4: First aid measures		
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. Mouth-to-mouth resuscitation of oral exposure patients is not recommended. First- aiders with contaminated clothing should be properly decontaminated.	

4.2 Most important symptoms and effects, both acute and delayed

: No specific treatment.

Over-exposure signs/	<u>symptoms</u>
Eye contact	: Adverse symptoms may include the following: watering
Inhalation	: No specific data.
Skin contact	 Inorganic salt solution. Prolonged or repeated exposure may dry the skin, causing irritation.
Ingestion	: No specific data.
4.3 Indication of any im	mediate medical attention and special treatment needed
Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. For professional, multilingual, medical support, in case of medical emergencies involving Nutrien products, telephone the Nutrien global 24 hour Emergency Number: 00-1-303-389-1654.

SECTION 5: Firefighting measures

Specific treatments

5.1 Extinguishing media		
Suitable extinguishing media	:	Non-flammable. Material will not burn. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.
5.2 Special hazards arising fro	om	the substance or mixture
Hazards from the substance or mixture	:	Emits acrid smoke and irritating fumes when heated to decomposition.
Hazardous combustion products	:	No specific data. Ammonia nitrogen oxides (NO, NO2 etc.) phosphorus oxides
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Additional information	:	Contain and collect the water used to fight the fire for later treatment and disposal.

SECTION 6: Accidental release measures

6.1 Personal precautions, pre	oted	ctive equipment and emergency procedures
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused adverse impacts (sewers, waterways, soil or air).
6.3 Methods and material for	со	ntainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Recover the material and use it for its intended purpose. or Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Recover the material and use it for its intended purpose. or Place spilt material in an appropriate container for disposal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
6.4 Reference to other sections	:	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Advice on general occupational hygiene	 Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Wash hands after handling compounds and before eating, smoking and using the lavatory and at the end of the day. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Keep container tightly closed and sealed until ready for use.

Store in an appropriate container. Incompatible with copper alloys. Acceptable materials include:

Stainless steel

Epoxy coated carbon steel

Fiberglass tankage, constructed of polyester, epoxy, or phenolic resins

Polypropylene

Contact your sales representative or a metallurgical specialist to ensure compatability with your equipment.

Temperature control may be required. Do not store above the following temperature: 25°C. If product freezes or

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SECTION 7: Handling and storage

crystallises, store at room temperature to thaw. Do not heat the product.

7.3 Specific end use(s)

Recommendations	: Not available.
Industrial sector specific solutions	: Not applicable. Non-hazardous substance

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Diammonium hydrogenorthophosphate	DNEL	Long term Inhalation	6,1 mg/m³	Workers	Systemic

PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
Diammonium hydrogenorthophosphate	Fresh water	1,7 mg/l	Assessment Factors

8.2 Exposure controls		
Appropriate engineering controls	:	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measu	res	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	-	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: splash goggles
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	-	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION 8: Exposure controls/personal protection

Respiratory protection	:	No personal respiratory protective equipment is normally required. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical	and chemical properties
<u>Appearance</u>	
Physical state	: Liquid.
Colour	: Green to Brown.
Odour	: Odourless.
Odour threshold	: Not available.
рН	: 6
Melting point/freezing point	: -17°C
Initial boiling point and boiling range	: Not available.
Flash point	: [Product does not sustain combustion.]
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not applicable
Upper/lower flammability or explosive limits	: Not applicable
Vapour pressure	: Not available.
Vapour density	: Not available.
Relative density	: 1.45
Solubility(ies)	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	: Not available.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: > 150 °C
Viscosity	: < 80 mPa⋅s
Explosive properties	: This material is not explosive.
Oxidising properties	: No oxidising ingredients present.
9.2 Other information	
Solubility in water	: Soluble in water in any proportion.
Heat of combustion	: Not applicable

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.

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SECTION 10: Stability and reactivity

10.4 Conditions to avoid : Do not heat the product.

	specialist to ensure compatability with your equipment.
10.5 Incompatible materials	: Incompatible with copper alloys. Contact your sales representative or a metallurgical

10.6 Hazardous	: Under normal conditions of storage and use, hazardous decomposition products
decomposition products	should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Polyphosphoric acids, ammonium salts	LD50 Oral	Rat - Male, Female	>5000 mg/kg	-
Ammonium dihydrogen orthophosphate	LD50 Oral	Rat - Male, Female	>2000 mg/kg	-
Diammonium	LC50 Inhalation Dusts and mists	Rat - Male,	>5 mg/l	4 hours
hydrogenorthophosphate	LD50 Dermal	Female Rat - Male,	>5000 mg/kg	-
	LD50 Oral	Female Rat - Male,	>2000 mg/kg	-
		Female		

Conclusion/Summary : No known significant effects or critical hazards. Effects are not sufficient for classification as hazardous.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Polyphosphoric acids, ammonium salts	Skin	Rabbit	-	-	-
Diammonium hydrogenorthophosphate	Eyes Skin	Rabbit Rabbit	- 0	- 72 hours	-
	Eyes	Rabbit	0	72 hours	-

Conclusion/Summary	
Skin	: Non-irritating to the skin.
Eyes	: Non-irritating to the eyes.
Respiratory	: No known significant effects or critical hazards.
Sensitisation	

Product/ingredient name	Route of exposure	Species	Result
Diammonium hydrogenorthophosphate	Skin	Mouse	Not sensitizing

Conclusion/Summary

- Skin
- Respiratory

: No known significant effects or critical hazards. : No known significant effects or critical hazards.

Mutagenicity

Product/ingredient name	Test	Experiment	Result
Polyphosphoric acids, ammonium salts		Subject: Bacteria	Negative
Diammonium hydrogenorthophosphate	471 Bacterial Reverse Mutation Test	Subject: Bacteria	Negative
Conclusion/Summary	: No known significant effects or critical hazards.		

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SECTION 11: Toxicological information

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Developmental toxin	Species	Dose	Exposur
Diammonium hydrogenorthophosphate	Negative	Negative	Negative	Rat - Male, Female	Oral: 1500 mg/ kg	-
Conclusion/Summary	: No knowr	n significant e	ffects or critical h	azards.		
<u>Feratogenicity</u>						
Conclusion/Summary	: Not availa	able.				
Specific target organ toxicit	y (single exp	<u>osure)</u>				
Not available.						
Specific target organ toxicit	y (repeated e	exposure)				
Not available.						
Achieve beyond						
Aspiration hazard						
Not available.						
formation on likely routes f exposure	: Inhalation Skin cont	i (dusts and r	nists)			
		aci				
otential acute health effects	-	:: :: :	ffeete en esitie el le			
Eye contact		•	ffects or critical h			
nhalation	: No known significant effects or critical hazards.					
Skin contact		•	ffects or critical ha			
ngestion	: May be in	liating to mo	uth, throat and sto	omach.		
ymptoms related to the phy	sical, chemic	al and toxic	ological charact	eristics		
Eye contact			ay include the follo			
nhalation	: No specif	ic data.				
Skin contact	: Inorganic irritation.	salt solution.	Prolonged or rep	eated exposure may	dry the skin	, causing
ngestion	: No specif	ic data.				
alound and immediate offer		obronio offe	ete frem ekert e	nd lang tarm avnag		
elayed and immediate effec	<u>ts as well as</u>	<u>chronic effe</u>	ects from short a	nd long-term expos	<u>ure</u>	
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Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects Product/ingredient name	: No knowr : No knowr : No knowr : No knowr <u>ects</u> Result Chronic NO	n significant e n significant e n significant e n significant e AEL Oral	ffects or critical handling ffects or critical handling ffects or critical handling ffects or critical handling ffects or critical handling Species	azards. azards. azards. azards. Dose s, 250 mg/kg	Ехро	sure

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SECTION 11: Toxicological information

Carcinogenicity	: No known significant effects or critical hazards.	
Mutagenicity	: No known significant effects or critical hazards.	
Teratogenicity	: No known significant effects or critical hazards.	
Developmental effects	: No known significant effects or critical hazards.	
Fertility effects	: No known significant effects or critical hazards.	

Other information : Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Polyphosphoric acids, ammonium salts	Acute EC50 813000 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 >500 mg/l Fresh water	Fish	96 hours
	Acute LC50 70000 µg/l Fresh water	Fish - Oncorhynchus tshawytscha - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
diammonium hydrogenorthophosphate	Acute LC50 1700 mg/l Fresh water	Fish - Cirrhinus mrigala/L. Rohita - Fry	96 hours

Conclusion/Summary : Based on available data, the classification criteria are not met.

12.2 Persistence and degradability

Conclusion/Summary	: Readily biodegradable		
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Polyphosphoric acids, ammonium salts Diammonium hydrogenorthophosphate	-	-	Readily Readily

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil	
Soil/water partition coefficient (K _{oc})	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB	assessment
PBT	: Not applicable.
	P: Not available. B: Not available. T: Not available.
vPvB	: Not applicable.
	vP: Not available. vB: Not available.
12.6 Other adverse effects	: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance.

13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Hazardous waste	 Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.
European waste catalog	<u>aue (EWC)</u>

	Waste code	Waste designation	
	06 10 99	wastes not otherwise specified	
P	ackaging	·	
	Methods of disposal	 The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 	

Special precautions: This material and its container must be disposed of in a safe way. Care should be
taken when handling emptied containers that have not been cleaned or rinsed out.
Empty containers or liners may retain some product residues. Avoid dispersal of spilt
material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	ICAO
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

14.6 Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk: Not available.according to Annex II of
Marpol and the IBC Code

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SECTION 15: Regulatory information

ezenen leinegi	
	vironmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1	
	stances subject to authorisation
Annex XIV	
None of the component	
Substances of very high	
None of the component	
Annex XVII - Restriction on the manufacture,	s : Not applicable.
placing on the market a	nd
use of certain dangerou	
substances, mixtures a articles	nd
Other EU regulations	
	: This material is listed or exempted.
Ozone depleting substa	· ·
Not listed.	
Prior Informed Consent	(PIC) (649/2012/EU)
Not listed.	
Seveso Directive	
This product is not contro	Iled under the Seveso III Directive.
International regulations	
Chemical Weapon Conve	ention List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol (Anne	<u>kes A, B, C, E)</u>
Not listed.	
Stockholm Convention o	n Persistent Organic Pollutants
Not listed.	
Rotterdam Convention o	n Prior Informed Consent (PIC)
Not listed.	
UNECE Aarbus Protocol	on POPs and Heavy Metals
Not listed.	<u></u>
International lists	
National inventory	
Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Japan	: Japan inventory (ENCS): Not determined. Japan inventory (ISHL): Not determined.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.

SECTION 15: Regulatory information

15.2 Chemical safety assessment

: Not applicable

SECTION 16: Other information

Indicates information that have	as changed from previously issued version.
Abbreviations and acronyms	 ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number vPvB = Very Persistent and Very Bioaccumulative
Key literature references and sources for data	 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 DECEMBER 2006, with successive adaptations, amendments, and corrigenda. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 DECEMBER 2008, with successive adaptations, amendments, and corrigenda. ECHA, European Chemicals Agency, Classification and Labelling Database DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 4 JULY 2012 on the control of major-accident hazards involving dangerous substances European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), latest revision. Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods, with successive amendments. REGULATION (EC) No 2003/2003 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 13 OCTOBER 2003 RELATING TO FERTILISERS, with successive adaptations, amendments, and corrigenda. American Conference of Governmental Industrial Hygienists, Threshold Limit Values for Chemical Substances, latest edition. Corrosion Data Survey, Sixth Edition, 1985, National Association of Corrosion Engineers ERG 2016 Emergency Response Guidebook IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. The Fertilizer Institute, Toxicity Testing Results, March 2003 Substance Information Exchange Forum Database
Procedure used to derive the	classification according to Regulation (EC) No. 12/2/2008 [CEP/GHS]

Classification	Justification
Not classified.	Weight of evidence

Full text of abbreviated H statements

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

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Notice to reader	

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SECTION 16: Other information

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