

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 : Ammonium Polyphosphate Solution 11-37-0

EC number : 269-789-9

REACH Registration number

Registration number	Substance
Exempt Polymer.	Ammonium polyphosphate
01-2119488166-29-XXXX	Ammonium dihydrogen orthophosphate
01-2119490974-22-XXXX	Diammonium hydrogenorthophosphate

CAS number : Not applicable

Product code : 3286-27945, 3288-27945

Product description : EC FERTILISER NP Fertiliser Solution 11-37-0

Product type : Liquid.

Other means of : Not available.

identification

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 responsible for this SDS

: productsafety@nutrien.com

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : Nutrien Saf

: 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

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

DENMARK +45 82 12 12 12 ESTONIA 16662: +372 62 69 379 FINLAND +358 9 471977 **FRANCE** Angers +33 (0)2 41 48 21 21 Bordeaux +33 (0)5 56 96 40 80 Lille 0800 59 59 59 (national callers) Lyon +33 (0)4 72 11 69 11 Marseille +33 (0)4 91 75 25 25 Nancy +33 (0)3 83 22 50 50 Paris +33 (0)1 40 05 48 48 Rennes +33 (0)2 99 59 22 22 Strasbourg +33 (0)3 88 37 37 37 Toulouse +33 (0)5 61 77 74 47 GEORGIA +995 99 53 33 20 **GERMANY** Berlin +49 30 192 40 Bonn +49 228 192 40 Erfurt +49 361 730 730 Freiburg +49 761 192 40 Goettingen +49 551 192 40 Homburg (Saar) +49 6841 192 40 Mainz +49 6131 192 40 Munich +49 89 192 40 GREECE +30 21 07 79 37 77 HUNGARY +36 80 20 11 99 ICELAND +354 543 22 22 IRELAND +353 1 837 9964 (medical professionals) +353 1 809 2166 (public) ISRAEL +972 4 854 19 00 **ITALY** Bergamo +39 800 883 300 Firenze +39 55 794 7819 Foggia +39 881 732 326 Genoa +39 10 563 62 45 Milan +39 02 6610 1029 Padova +39 49 827 50 78 Pavia +39 38 224 444 Rome +39 06 305 43 43 Turin +39 011 663 7637 KAZAKHSTAN +7 3272 925 868 LITHUANIA +370 5 236 20 52; +370 687 533 78 NETHERLANDS +31 30 274 88 88 NORWAY +47 22 59 13 00 **POLAND** Gdansk +48 58 682 04 04 Krakow +48 12 411 99 99 Lòdz +48 42 63 14 724 Sosnowiec +48 32 266 11 45 Warszawa +48 22 619 66 54 Wroclaw +48 71 343 30 08 PORTUGAL 808 250 143 (national callers) ROMANIA +402 212 106 282 RUSSIAN FEDERATION Ekaterinburg +7 343 229 98 57 Moscow +7 495 628 1687 Saint-Petersburg +7 921 757 3228 SERBIA +381 11 3608 440 SLOVAKIA +421 2 5477 4166 SLOVENIA +386 41 635 500 SPAIN +34 91 562 0420

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SWEDEN 112 (national callers); +46 (0)10 456 6700

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

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

Supplier

Telephone number: Mutrien Europe SA

EMERGENCY TELEPHONE NUMBERS: Transportation: 00-1-303-389-1654 Medical: 00-1-303-389-1654

Hours of operation : 24/7/365

SECTION 2: Hazards identification

2.1 Classification of the substance 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 : Not applicable.

Special packaging requirements

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SECTION 2: Hazards identification

Containers to be fitted with child-resistant

fastenings

Tactile warning of danger : Not applicable.

: 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 : Multi-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.

Type

[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 aid measures

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

Over-exposure signs/symptoms

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 immediate 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.

Specific treatments: No specific treatment.

SECTION 5: Firefighting measures

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 from 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.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective 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 containment 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.

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.

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

: Not applicable. Non-hazardous substance.

solutions

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	Type	Exposure	Value	Population	Effects
Diammonium	DNEL	Long term	6,1 mg/m ³	Workers	Systemic
hydrogenorthophosphate		Inhalation			

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 measures

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.

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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

Appearance

Physical state : Liquid.

Colour Green to Brown. **Odour** Odourless. Not available. **Odour threshold**

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 : Not applicable

explosive limits

Vapour pressure Not available. Not available. Vapour density

Relative density

Solubility(ies) : Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/ : Not available.

water

Auto-ignition temperature : Not applicable. : > 150 °C **Decomposition temperature** : < 80 mPa·s **Viscosity**

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.

10.5 Incompatible materials

: Incompatible with copper alloys. Contact your sales representative or a metallurgical

specialist to ensure compatability with your equipment.

10.6 Hazardous decomposition products

 Under normal conditions of storage and use, hazardous 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 hydrogenorthophosphate	LC50 Inhalation Dusts and mists	Rat - Male, Female	>5 mg/l	4 hours
	LD50 Dermal	Rat - Male, Female	>5000 mg/kg	-
	LD50 Oral	Rat - Male, Female	>2000 mg/kg	-

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: No known significant effects or critical hazards.Respiratory: 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	Exposure
Diammonium hydrogenorthophosphate	Negative	Negative	Negative	,	Oral: 1500 mg/ kg	-

Conclusion/Summary

: No known significant effects or critical hazards.

Teratogenicity

Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes : Inhalation (dusts and mists)

of exposure Skin contact

Potential acute health effects

Eye contact: No known significant effects or critical hazards.Inhalation: No known significant effects or critical hazards.Skin contact: No known significant effects or critical hazards.Ingestion: May be irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

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.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate : No known significant effects or critical hazards.

effects

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

Long term exposure

Potential immediate : No known significant effects or critical hazards.

effects

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

Potential chronic health effects

Product/ingredient name	Result	Species	Dose	Exposure
Diammonium hydrogenorthophosphate	Chronic NOAEL Oral	Rat - Male, Female	250 mg/kg	-

Conclusion/SummarySeneralNo known significant effects or critical hazards.No known significant effects or critical hazards.

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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,	-	-	Readily
ammonium salts			
Diammonium	-	-	Readily
hydrogenorthophosphate			

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: 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.

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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 catalogue (EWC)

Waste code	Waste designation	
06 10 99	wastes not otherwise specified	

Packaging

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 according to Annex II of Marpol and the IBC Code

: Not available.

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable.

on the manufacture, placing on the market and use of certain dangerous substances, mixtures and

articles

Other EU regulations

Europe inventory : This material is listed or exempted.

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso III Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

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 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.

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SECTION 15: Regulatory information

15.2 Chemical safety assessment

: Not applicable

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms: ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/20081

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

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Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification	
Not classified.	Weight of evidence	

Full text of abbreviated H statements

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

Date of issue/ Date of

: 3/22/2019

revision

Date of previous issue : 8/2/2018 : 5.5 Version

Notice to reader

Date of issue/Date of revision · 3/22/2019 Date of previous issue : 8/2/2018 Version: 5.5 14/15

Ammonium Polyphosphate Solution 11-37-0

SECTION 16: Other information

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Date of issue/Date of revision : 3/22/2019 Date of previous issue : 8/2/2018 Version : 5.5 15/15