SAFETY DATA SHEET



Monoammonium phosphate

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

1.1 Product identifier

Product name: Monoammonium phosphate

EC number: 231-764-5

Registration number	Legal entity
01-2119488166-22-0061	-

CAS number: 7722-76-1
Other means of identification: Chemical formula: H2-O4-P.H4-N

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

Identified Uses: Agricultural industry Industrial use Food/Feedstuff Binders Fertilizer. Flame retardant.

Intermediate. Pharmaceuticals. Wood preservative

Manufacture of solid/liquid fertilizers – Industrial use: SU01, SU08; PC12; PROC01, PROC02, PROC03, PROC05, PROC08b, PROC09, PROC26; ERC01.

Use as Flame retardant agent (UCN B45000) for textilies, furnitures, wood, paper, matches, plastic & cellulosics – Industrial use: SU05, SU06a, SU06b, SU12, SI18, SU18; PC0 (UCN B45000); PROC03, PROC05, PROC09, PROC26; ERC02, ERC03. Manufacture of fire extinguisher powder – Industrial use: PC0 (UCN B50000); PROC03, PROC05, PROC09, PROC09, PROC26; ERC02, ERC03.

Manufacture of frits for enamel – Industrial use: SU0 (NACE C23.4); PC0 (UCN G15000); AC4; PROC05, PROC09, PROC22, PROC23.

Binder in refractory brick, tiles - Industrial use: SU0 (NACE 23.2); PC0 (UCN B20300); PROC05, PROC09; ERC 02.

Manufacture of Ammonium polyphosphates, Flame retardants, Paints and Coatings, Wild fire eraser – Industrial use: SU05, SU06a, SU08, SU09, Su10, SU12; PC09a, PC19, PC23, PC26, PC32, PC34; PROC02, PROC03, PROC05, PROC07, PROC09, PROC10, PROC13, PROC14; ERC01, ERC02, ERC03, ERC5, ERC6c,

Use of fire extinguisher powder – Professional use: PC0 (UCN B50000); PROC03, PROC05. PROC09, PROC11, PROC26; ERC08a, ERC08d.

Use of solid fertilizers NPK/PK: Surface spreading or incorporation at open fields and/or forest fertilization, fertilization of amenity (parks, public lawns, sport fields gold courses) – Professional use: PC12; PROC08a, PROC09, PROC19, PROC26; ERC08b, ERC08e.

Use of liquid fertilizes: Surface spreading or incorporation through pipes at open field, Fertilization of amenity (parks, public lawns, golf courses), greenhouse application, fertigation – Professional use: PC12, PROC08a, PROC09, PROC11; ERC08a, ERC08e.

Dilution of liquid soluble fertilizers – Professional use: PC12; PROC05, PROC08a; ERC02.

Use of fire extinguisher powder - Consumer use: PC0 (UCN B50000); ERC08a, ERC08d.

Use of solid fertilizers: surface spreading at home gardens - consumer use: PC12; ERC08d.

Dilution and use of liquid fertilizers: surface spreading at home gardens - Consume use: PC12, ERC08d.

Dilution and use of liquid fertilizers: indoor home – Consume use: PC12, ERC08a.

1.3 Details of the supplier of the safety data sheet

Manufacturer:

Open Joint-Stock Company "The hydrometallurgical plant"

Legal address: Russia, 357340, Lermontov, Stavropolskiy reg. st. Promyshlennaya 7 Postal address: Russia, 357340, Lermontov, Stavropolskiy reg. st. Promyshlennaya 7

Tel: +7 (879-35) 3-76-59 e-mail: contact@gmz.stv.ru e-mail address of person

responsible for this SDS: cert@a-group.com

Only representative

REACHLaw Ltd.

Street address Vänrikinkuja 3 JK 21

Date of issue/Date of revision :30/11/2018 Date of previous issue :06/07/2017 Version: 6 1/13

Monoammonium phosphate

Postcode and post office 02600 Espoo, Finland Telephone +358(0) 9 412 3055 Email SDS@reachlaw.fi www.reachlaw.fi

1.4 Emergency telephone number

Supplier

Telephone number: +7 (879-35) 3-76-59 (Mo-Fr, 10-19 h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mono-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 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

Not applicable.

Precautionary statements

Prevention:
Response:
Storage:
Disposal:
Not applicable.

Annex XVII - Restrictions: on the manufacture,

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

articles

2.3 Other hazards

Substance meets the: Not applicable.

criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

Substance meets the: Not applicable.

criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Other hazards which do: None known.

not result in classification

SECTION 3: Composition/information on ingredients

3.1 Substances: Mono-constituent substance

Product/ingredient name	Identifiers	%	Regulation (EC) No.	Type
			1272/2008	
			[CLP]	

Monoammonium phosphate						
dihydrogenorthophosphate	REACH #: 01-2119488166-29-0061 EC: 231-764-5 CAS: 7722-76-1	>99,4	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] Stabilizing 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. Get medical attention if irritation

occurs.

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact

: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

Inhalation

: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Skin contact Ingestion No known significant effects or critical hazards.No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact

: Adverse symptoms may include the following:

irritation redness

Inhalation

: Adverse symptoms may include the following:

respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Date of issue/Date of revision	:30/11/2018 Date of previous issue	:06/07/2017	Version: 6	1/13
Date of locae, Date of Tevision				

Monoammonium phosphate

Suitable extinguishing

media

: Use dry chemical, CO2, water spray (fog) or foam. Use an extinguishing agent

suitable for the surrounding fire.

Unsuitable extinguishing

media

: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : No specific fire or explosion hazard.

Hazardous combustion

products

: Decomposition products may include the following materials:

nitrogen oxides 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 (Explosibility)

: None.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Put on appropriate personal protective equipment.

For emergency responders

: If specialized 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Small spill

: Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.

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

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust.

Monoammonium phosphate

Advice on general: occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. 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. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Section 7. Handling and storage: The information in this section contains generic advice and guidance.

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 monitoring limits

Recommended monitoring procedures

: No exposure limit value known.

: 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 monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres – Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurements strategy) European Standard EN 14042 (Workplace atmospheres – Guidance for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres – General requirements for the performance of procedures for the measurements of chemical agents) Reference to nation guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

DNEL/DMEL Summary: Not applicable.

PNECs

PNEC Summary : Not applicable.

8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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.

Date of issue/Date of revision :30/11/2018 Date of previous issue :06/07/2017 Version: 6 1/13

Monoammonium phosphate

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. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

Recommended: Wear safety glasses with side protection on accordance with EN 166.

SECTION 8: Exposure controls/personal protection

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Recommended: Wear suitable gloves tested to EN374.

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.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the

appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important

aspects of use.

Recommended: Particle filter device (DIN EN 143), Filter type: P2.

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.

will be necessary to reduce emissions to acceptable leve

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Solid. [Powder.]

Color : White. [Light.]

Odor threshold : Not available.

pH : Not available.

Melting point/freezing point : 197 °C.

Initial boiling point and boiling: Not available.

range

Odor

Flash point : Not available.

Evaporation rate : Not available.

Flammability (solid, gas) : Non-flammable.

Upper/lower flammability or

explosive limits

Not available.

Characteristic.

Vapor pressure : 0.0000015 kPa [room temperature]

Vapor density : Not available.

Monoammonium phosphate

Relative density : 1.81

Solubility(ies) : Not available.

Solubility in water : >100 g/l

Partition coefficient: n- : Not available.

octanol/water

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Not available.

Explosive properties : None.

Oxidizing properties : None.

9.2 Other information

Molecular weight : 115.03 g/mole

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 : Under normal conditions of storage and use, hazardous reactions will not occur.

hazardous reactions

10.4 Conditions to avoid : Avoid dust generation. Protect from moisture. Keep away from heat.

10.5 Incompatible materials : Reactive or incompatible with the following materials: alkalis, strong acids,

Magnesium.

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	Results	Species	Dose	Exposure	Remarks
ammonium	LC50 Inhalation Dusts	Rat – Male,	> 5 mg/l	4 hours	Test substance:
dihydrogenorthophosphate	And mists	Female			CAS no. 7783-28-0
					(read-across)
	LD50 Dermal [OECD	Rat – Male,	> 5000 mg/kg	-	-
	402]	Female			
	LC50 Oral [OECD 425]	Rat	> 2000 mg/kg	-	-

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

Irritation/Corrosion

Product/ingredient name	Results	Species	Score	Exposure	Observation	Remarks
ammonium	Skin – Non-irritating to	Rabbit	-	-	-	-
dihydrogenorthophosphate	the skin. [OECD 404]					
	Eyes – Non-irritating	Rabbit	-	-	-	-
	to the eyes. [OECD					
	405]					

Conclusion/Summary

Skin: Based on available data, the classification criteria are not met.Eyes: Based on available data, the classification criteria are not met.

Monoammonium phosphate

Sensitization

Product/ingredient name	Route of exposure	Species	Results	Remarks
ammonium	Skin	Mouse	Non sensitizing [OECD 429]	-
dihydrogenorthophosphate				

Conclusion/Summary

Skin : Based on available data, the classification criteria are not met.

Mutagenicity

Product/ingredient name	Test	Experiment	Results	Remarks
ammonium	OECD 471	Experiment: In vitro	Negative	Test substance:
dihydrogenorthophosphate		Subject: Bacteria		CAS no. 7783-
				28-0 (read-
				across)
	OECD 476	Experiment: In vitro	Negative	-
		Subject: Mammalian-Animal		
	OECD 473	Experiment: In vitro	Negative	Test substance:
		Subject: Mammalian-Animal		CAS no. 7783-
				28-0 (read-
				across)

Conclusion/Summary

Based on available data, the classification criteria are not met.

Carcinogenicity

Conclusion/Summary: Not available.

Reproductive toxicity

Product/ingredient	Maternal	Fertility	Developmental	Species	Dose	Exposure	Remarks
name	toxicity		toxin				
Diammonium	-	-	-	Rat – Male,	Oral: ≥	-	OECD 422
hydrogenorthophosphate				Female	1500		Test
					mg/kg		substance:
					NOAEL		CAS no.
							7783-28-0
							(read-across)

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

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 the likely : Not available.

routes of exposure

Potential acute health effects

Eye contact : Exposure to airborne concentration above statutory or recommended exposure

limits may cause irritation of the eyes.

inhalation : Exposure to airborne concentration above statutory or recommended exposure

limits may cause irritation of the nose, throat and lungs.

Skin contact:No known significant effects or critical hazards.Ingestion:No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Monoammonium phosphate

Eye contact: Adverse symptoms may include the following:

Irritation redness

Inhalation : Adverse symptoms may include the following:

Respiratory tract irritation

coughing

Skin contact : No specific data.

Ingestion : No specific data.

Delayed and immediate effects and also chronic effect from short and long term exposure

Short term exposure

Potential immediate

effects

Not available.

Potential delayed effects

Not available.

Long term exposure

Potential immediate

Not available.

effects

Potential delayed effects

Not available.

Potential chronic health effects

Product/ingredient	Results	Species	Dose	Exposure	Remarks
name					
Diammonium	Sub-chronic NOAEL	Rat – Male,	250 mg/kg	-	Test substance:
hydrogenorthophosphate	Oral [OECD 422]	Female			CAS no. 7783-28-0
	_				(read-across)

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

General

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

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	Results	Species	Exposure	Remarks
ammonium	Acute EC50 > 100 mg/l	Micro-organism	3 hours	Test substance: CAS
dihydrogenorthophosphate	[OECD 209]			no. 7783-28-0 (read-
				across)
	NOEC 100 mg/l	Micro-organism	3 hours	Test substance: CAS
	[OECD 209]			no. 7783-28-0 (read-
				across)
	Acute EC50 > 100 mg/l	Algae	72 hours	-
	Fresh water			
	Acute LC50 >85.9 mg/l	Fish – Oncorhynchus	96 hours	-
	[OECD 203]	mykiss		
	Chronic NOEC 100 mg/l	Algae	72 hours	-
	Fresh water			

Monoammonium phosphate

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

12.2 Persistence and degradability

Conclusion/Summary : The methods for determining the biological degradability are not applicable to

inorganic substances.

12.3 Bioaccumulative potential

Not available.

Mobility

12.4 Mobility in soil

Soil/water partition

Not available.

coefficient (Koc)

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

Product

Methods of disposal : The generation of waste should be avoided or minimized wherever possible.

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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities

with jurisdiction.

The allocation of waste identity numbers/waste descriptions must be carried out

according to the ECC, specific to the industry and process.

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.

Packaging

Methods of disposal : The generation of waste should be avoided or minimized 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. Empty containers

or liners may retain some product residues. Avoid dispersal of spilled material and

runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-

Monoammonium pho	sphate	, ,,		
14.3 Transport hazard class(es)	-	-	-	-
Label				
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	Marine Pollutant: No	No.

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 applicable.

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 authorization

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII – Restrictions on : Not applicable. the manufacture, placing on

the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

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 Directive.

National regulations

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

Monoammonium phosphate

Not listed.

Inventory list

Australia inventory (AICS) : This material is listed or exempted.

Canada : This material is listed or exempted.

China : This material is listed or exempted.

Europe : This material is listed or exempted.

Japan : Japan inventory (ENCS):

This material is listed or exempted.

New Zealand: This material is listed or exempted.

Philippines: This material is listed or exempted.

Republic of Korea: This material is listed or exempted.

Taiwan: This material is listed or exempted.

Turkey: This material is listed or exempted.

United States: This material is listed or exempted.

15.2 Chemical Safety

Assessment:

Complete.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

indicates information that has changed from previously issued version.

Abbreviations and acronyms: ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of

Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

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 IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

as modified by the Protocol of 1978. ("Marpol" = marine pollution)

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by

Rail

RRN = REACH Registration Number

vPvB = Very Persistent and Very Bioaccumulative

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

Full text of abbreviated H statements

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

Date of issue/ Date of :

revision

: 03/06/2020

Date of previous issue : 30/11/2018

Monoammonium phosphate

Version : 7

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of issue/Date of revision :30/11/2018 Date of previous issue :06/07/2017 Version: 6 1/13