CAS-No.: 7784-26-1 MSDS



MATERIAL SAFETY DATA SHEET (MSDS)

1.1. Product identifier	
Product form	: Substance
CAS-No.	: 7784-26-1
Product code	: 00894
Chemical structure	$\operatorname{AINH}_4(\operatorname{SO}_4)_2 \cdot 12H_2O$
Synonyms	: Ammonium alum / Aluminum ammonium sulfatedodecahydrate
1.2. Relevant identified use	es of the substance or mixture and uses advised against
1.2.1. Relevant identified us	es
Use of the substance/mixture	: Laboratory chemicals, Manufacture of substances
1.2.2. Uses advised against	
No additional information availab	le
1.3. Details of the supplier	of the safety data sheet
Labogens Fine Chem Industries 1st Floor , Above Bank of India, (Ludhiana Pb. (141007) +91 9316777775, +91 77078557 sales@labogens.comwww.La	00
1.4. Emergency telephone	number
Emergency number	: +91 7707855700 (9:00am - 6:00 pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye H319 irritation, Category 2 Skin corrosion/irritation, H315 Category 2 Specific target organ H335 toxicity — Single exposure, Category 3, Respiratory tract irritation

Full text of hazard classes and H-statements : see section 16

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Xi; R36/37/38 Full text of R-phrases: see section 16 Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements	
Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	GHS07
Signal word (CLP)	: Warning
Hazard statements (CLP)	 H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Precautionary statements (CLP)	 P261 - Avoid breathing vapours, dust, fume, gas. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients				
3.1.SubstancesNameCAS-No.	: ALUMINIUM AMMONIUM SULPHATE DODECAHYDRATE EXTRA PURE : 7784-26-1			

Full text of R- and H-statements: see section 16

3.2.	Mixtures	\$			
Not ap	plicable				

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.	
First-aid measures after skin contact	: Wash with plenty of water/ Wash contaminated clothing before reuse. Get medical advice/attention.	
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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls	
Hand protection	: Protective gloves
Eye protection	: Chemical goggles or safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: [In case of inadequate ventilation] wear respiratory protection.
SECTION 9: Physical and chemical prop	erties
9.1. Information on basic physical a	nd chemical properties
Physical state	: Solid
Colour	: White powder.
Odour	: odourless.
Odour threshold	: No data available
рН	: 2.6
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 93.5 °C
Freezing point	: No data available
Boiling point	: 280 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.65 g/cm³
Solubility	: Water: 14 % in water

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Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous rea	actions
No additional information available	
10.4. Conditions to avoid Direct sunlight. Air contact. Moisture.	
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition	products
No additional information available	
SECTION 11: Toxicological informa	tion
11.1. Information on toxicologica	al effects
Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
	pH: 2.6
Serious eye damage/irritation	: Causes serious eye irritation.
De entrete en al la constitución	pH: 2.6
Respiratory or skin sensitisation Germ cell mutagenicity	: Not classified : Not classified
Carcinogenicity	: Not classified : Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified

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Aspiration hazard

: Not classified

SECTION 12: Ecological information	n	
12.1. Toxicity		
No additional information available		
12.2. Persistence and degradabil	ity	
No additional information available		
12.3. Bioaccumulative potential		
No additional information available		
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB as	ssessment	
No additional information available		
12.6. Other adverse effects		
No additional information available		
SECTION 13: Disposal consideratio	ns	
13.1. Waste treatment methods		
No additional information available		
SECTION 14: Transport information		
In accordance with ADR / RID / IMDG	/ IATA / ADN	
14.1. UN number		
UN-No. (ADR)	: Not applicable	
UN-No. (IMDG)	: Not applicable	
UN-No. (IATA) UN-No. (ADN)	: Not applicable	
UN-No. (RID)	: Not applicable : Not applicable	
· · ·		
14.2.UN proper shipping nameProper Shipping Name (ADR)	: Not applicable	
Proper Shipping Name (IMDG)	: Not applicable	
Proper Shipping Name (IATA)	: Not applicable	
	· Net exellente	

: Not applicable

: Not applicable

Proper Shipping Name (ADN)

Proper Shipping Name (RID)

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14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

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No REACH Annex XVII restrictions

ALUMINIUM AMMONIUM SULPHATE DODECAHYDRATE EXTRA PURE is not on the REACH Candidate List ALUMINIUM AMMONIUM SULPHATE DODECAHYDRATE EXTRA PURE is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: The substance is not listed
SZW-lijst van mutagene stoffen	: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: The substance is not listed
Denmark	
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-statements:

Serious eye damage/eye irritation, Category 2
Skin corrosion/irritation, Category 2
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Irritating to eyes, respiratory system and skin
Irritant

ALUMINIUM AMMONIUM SULPHATE DODECAHYDRATE EXTRA PURE Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product