



ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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MATERIAL SAFETY DATA SHEET (MSDS) SDS/MSDS

AMMONIUM FERRIC SULPHATE DODECAHYDRATE

CAS-No.: 7783-83-7 MSDS

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

1.1.

Product identifier

Product form

CAS-No. : 7783-83-7

1.2.

: Substance

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

1.2.1.

Relevant identified uses

Use of the substance/mixture

1.2.2.

Uses advised against

No additional information available

1.3.

: Laboratory chemicals, Manufacture of substances

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

irritation, Category 2

Skin corrosion/irritation,

Category 2

H319

H315

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

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R36

Xi; R38

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2.

Label elements

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Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

Hazard pictograms (CLP)

Signal word (CLP)

Hazard statements (CLP)

Precautionary statements (CLP)

2.3.

Other hazards

:

GHS07

: Warning

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

: P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

No additional information available

SECTION 3: Composition/information on ingredients

3.1.

Substances

Name

CAS-No.

: AMMONIUM FERRIC SULPHATE DODECAHYDRATE AR/ACS

: 7783-83-7

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

3.2.

Mixtures

Not applicable

SECTION 4: First aid measures

4.1.

Description of first aid measures

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

4.2.

: Assure fresh air breathing. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

: Wash with plenty of water/.... Wash contaminated clothing before reuse. Get medical advice/attention.

: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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and easy to do. Continue rinsing. Get medical advice/attention.

: Rinse mouth. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact

Symptoms/effects after eye contact

: Causes skin irritation.

: Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1.

Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

5.2.

: Carbon dioxide. Dry powder. Foam. Water spray.

: Do not use a heavy water stream.

Special hazards arising from the substance or mixture

No additional information available

5.3.

Advice for firefighters

Protection during firefighting

SECTION 6: Accidental release measures

: Do not enter fire area without proper protective equipment, including respiratory protection.

6.1.

Personal precautions, protective equipment and emergency procedures

6.1.1.

For non-emergency personnel

Emergency procedures

6.1.2.

For emergency responders

Protective equipment

Emergency procedures

6.2.

Environmental precautions

: Evacuate unnecessary personnel.

: Use personal protective equipment as required.

: Ventilate area.

Avoid release to the environment.



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6.3.

Methods and material for containment and cleaning up

Methods for cleaning up

6.4.

Reference to other sections

: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Minimize generation of dust.

No additional information available

SECTION 7: Handling and storage

7.1.

Precautions for safe handling

Precautions for safe handling

Hygiene measures



7.2.

: Avoid contact with skin and eyes. Do not breathe vapours. Avoid dust formation.

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for safe storage, including any incompatibilities

Storage conditions

7.3.

Specific end use(s)

: Store in a well-ventilated place. Keep container tightly closed.

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 properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Colour : Pale violet crystals.

Odour : odourless.

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Odour threshold : No data available

pH : 1

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 39 - 41 °C

Freezing point : No data available

Boiling point : No data available

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 : 1.71 g/cm³

Solubility :Water: 482.2 g/l at 20 °C

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



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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 reactions

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 information

11.1.

Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

SECTION 12: Ecological information

: Not classified

: Causes skin irritation.

pH: 1

: Causes serious eye irritation.



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pH: 1

: Not classified

: Not classified

: Not classified

: Not classified

: Not classified

: Not classified

: Not classified

12.1.

Toxicity

No additional information available

12.2. Persistence and degradability

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 assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

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) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

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Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID)

14.4.

Packing group

: Not applicable

Packing group (ADR)

Packing group (IMDG)

Packing group (IATA)

Packing group (ADN)

Packing group (RID)

14.5.

Environmental hazards

: Not applicable

: Not applicable

: Not applicable

: Not applicable

: Not applicable

Dangerous for the environment

Marine pollutant

Other information

14.6.

Special precautions for user

: No

: No

: No supplementary information available- 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

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15.1.

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

AMMONIUM FERRIC SULPHATE DODECAHYDRATE AR/ACS is not on the REACH Candidate List

AMMONIUM FERRIC SULPHATE DODECAHYDRATE AR/ACS 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

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen –

Vruchtbaarheid

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen – Ontwikkeling

15.2.

Chemical safety assessment

: The substance is not listed

: The substance is not listed

: The substance is not listed

No additional information available

SECTION 16: Other information

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

Eye Irrit. 2

Serious eye damage/eye irritation, Category 2

Skin Irrit. 2

H315

H319

R36

R38

Skin corrosion/irritation, Category 2

Causes skin irritation.

Causes serious eye irritation.

Irritating to eyes



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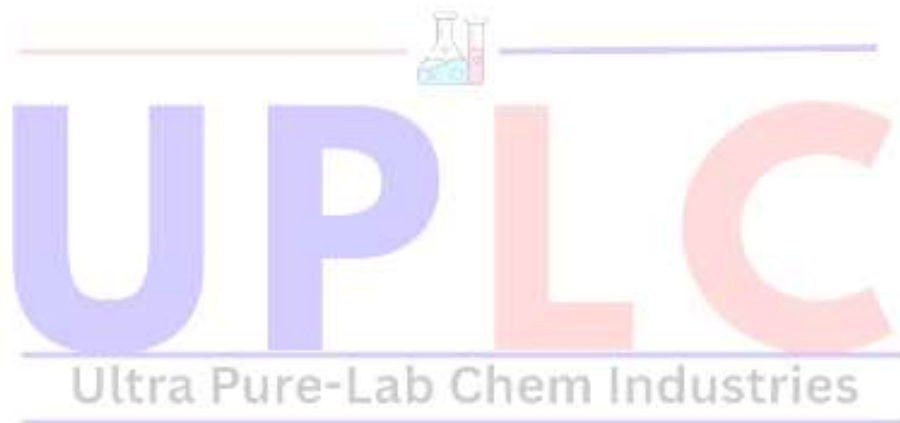
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Irritating to skin

Xi

Irritant

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



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