

MATERIAL SAFETY DATA SHEET**Product Name:** AMMONIUM CERIC SULPHATE DIHYDRATE**CAS No.:** 10378-47-9**Version:** 0**1. Identification**

Product Code : 90272,90323
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2. Hazards Identification**Hazard classification**

Skin irritation : Category 2
Eye irritation : Category 2
Specific target organ toxicity - single exposure : Category 3

Labels elements

Hazard symbol



Signal word : Warning
Hazard statement : Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Precautionary statement : Avoid breathing dust.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements : None

3. Composition/information on ingredients

Ingredient : AMMONIUM CERIC SULPHATE DIHYDRATE
CAS No. : 10378-47-9

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Percent : NLT 99.0%
Formula : $(\text{NH}_4)_4\text{Ce}(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$
Molecular Weight : 632.55 g/mol

4. First Aid Measures**Description of first aid measures**

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact : Wash off with soap and plenty of water. Consult a physician.

Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed : No data available

5. Fire fighting measures**Extinguishing media**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture : Do not use a heavy water stream.

Advice for firefighters : Wear self contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions : Do not let product enter drains.

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Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling : Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Hygroscopic.

8. Exposure Controls / Personal Protection

Exposure limit : No data available

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Respiratory protection : Air-purifying respirators

Hand protection : Handle with gloves

Eye protection : Safety glasses with side-shields

Skin and Body Protection : Complete suit protecting against chemicals

9. Physical and Chemical Properties

Appearance : Orange to orange-yellow crystalline powder.

Odor : No data available

pH : No data available

Melting point/freezing point : 130 °C - lit.

Initial boiling point and boiling range : No data available

Flash Point : No data available

Vapor pressure : No data available

Vapor density : No data available

Relative density : No data available

Solubility in water : No data available

Solubility (other) : No data available

10. Stability and Reactivity

Reactivity : No data available

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous : No data available

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- Conditions to avoid** : Direct sunlight. Extremely high or low temperatures.
Incompatible materials : Strong acids. Strong bases.
Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. - Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological Information**Information on toxicological effects**

- Acute toxicity** : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : No data available
Respiratory or skin sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity
IARC : No data available
NTP : No data available
OSHA : No data available
Reproductive toxicity : No data available
Route of Exposure : No data available
Signs and Symptoms of Exposure : No data available

12. Ecological Information

- Toxicity** : No data available
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available.
Other adverse effects : No data available.

13. Disposal consideration

- Disposal instructions** : Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging : Dispose of as unused product.

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| | UN No. | UN proper shipping name | Hazard Class(es) | Packaging group | Marine Pollutant |
|-------------|--------|-------------------------|------------------|-----------------|---------------------|
| DOT | | | | | Not dangerous goods |
| IMDG | | | | | Not dangerous goods |
| IATA | | | | | Not dangerous goods |

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date :**01/06/2014**Version :** 0

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