

MATERIAL SAFETY DATA SHEET**Product Name:** Acetamide**CAS No.:** 60-35-5**Version:** 0**1. Identification**

Product Code : 90901
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2. Hazards Identification**Hazard classification****Carcinogenicity** : Category 2**Label elements****Hazard symbol**

Signal word : Warning
Hazard statement : Suspected of causing cancer
Precautionary statement : Use personal protective equipment as required.
Supplemental Hazard Statements : None.

3. Composition/information on ingredients

Ingredient	CAS No
Acetamide	60-35-5

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.

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|---|---|---|
| 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 | : | To the best of our knowledge, the chemical, physical, and toxicological properties have not been Thoroughly investigated. |
| 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 | : | Carbon oxides, Nitrogen oxides (NOx) |
| Advice for firefighters | : | Wear self contained breathing apparatus for fire fighting if necessary |
| Further information | : | No data available |

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 | : | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. |
| 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. |
| Reference to other sections | : | For disposal see section 13. |

MATERIAL SAFETY DATA SHEET**Product Name:** Acetamide**CAS No.:** 60-35-5**Version:** 0**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. Moisture sensitive.
- Specific end use(s)** : No data available

8. Exposure Controls Personal Protection**Control parameters****Components with workplace control parameters****Exposure controls**

- 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

- Eye/face protection** : Use equipment for eye protection tested and approved under appropriate government standards.

- Skin Protection Hand protection** : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Wash and dry hands.

- Body Protection** : Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

- Respiratory protection** : Respiratory protection is required.

9. Physical and Chemical Properties

- Appearance** : White crystalline powder.
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : 78 - 80 °C
- Initial boiling point and boiling range** : 221 °C
- Flash Point** : No data available
- Vapor pressure** : 1 hPa at 65 °C

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Vapor density : 7 hPa at 92 °C
Relative density : No data available
Solubility in water : 1.159 g/cm³
Solubility (other) : Soluble
Formula : No data available
Molecular Weight : C₂H₅NO
: 59.07 g/mol

10. Stability and Reactivity

Reactivity : No data available
Chemical stability : Stable under recommended storage conditions.
Possibility of hazardous reactions : No data available
Conditions to avoid : Avoid moisture
Incompatible materials : Strong oxidizing agents, Strong acids, Strong bases, Strong reducing agents
Hazardous decomposition products : No data available

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

Acute toxicity : LD₅₀ Oral - rat - 7.000 mg/kg
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 : This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.
Limited evidence of carcinogenicity in animal studies
IARC: 2B - Group 2B: Possibly carcinogenic to humans (Acetamide)
Reproductive toxicity : No data available
Specific target organ toxicity - single exposure : Inhalation - May cause respiratory irritation.
Specific target organ toxicity - repeated exposure : No data available
Aspiration hazard : No data available

MATERIAL SAFETY DATA SHEET**Product Name:** Acetamide**CAS No.:** 60-35-5**Version:** 0**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 : Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

	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 :** 01/08/2014**Version :** 0

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