

# Material Safety Data Sheet



ACETAMIDE 99%

VERSION : 01  
DATE OF ISSUE :02-12-2016  
SUPERSEDES : Nil

Product Code : 11007

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : ACETAMIDE 99%

Product code : 11007

Identification of the product : Acetamide

CAS No : 60-35-5

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

Use : Industrial. For professional use only.

### 1.3. Details of the supplier of the safety data sheet

Company identification : MOLYCHEM

Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA) Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.

Email : [info@molychem.net](mailto:info@molychem.net)

Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503

## 2. Hazards identification -DSD

### 2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : Carc. Cat. 3; R40

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Carcinogenicity - Category 2 - Warning (CLP : Carc. 2) H351

### 2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : Xn : Harmful



R Phrase(s) : R40 : Limited evidence of a carcinogenic effect.

S Phrase(s) : S2 : Keep out of the reach of children.

S36/37 : Wear suitable protective clothing and gloves.

Hazards pictogram:



Signal words : Warning

Hazard statements : H351 : Suspected of causing cancer.

Precautionary statements

• General : P102: Keep out of reach of children.

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P103: Read label before use.

P101: If medical advice is needed, have product container or label at hand.

P201: Obtain special instructions before use.

- Prevention : P281: Use personal protective equipment as required.
- Response : P308+P313: If exposed or concerned : get medical advice.
- Storage : P405: Store locked up.
- Disposal considerations : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### **2.3. Other hazards**

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### **3. Composition/information on ingredients**

Substance / Preparation : Acetamide 99%

Substance.

Contains no other components or impurities which will influence the classification of the product.

### **4. First aid measures**

#### **4.1. Description of first aid measures**

Inhalation : Assure fresh air breathing. Allow the victim to rest.

Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion : Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

#### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms relating to use : Suspected of causing cancer.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

### **5. Fire-fighting measures**

#### **5.1. Extinguishing media**

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Surrounding fires : Use water spray or fog for cooling exposed containers.

#### **5.2. Special hazards arising from the substance or mixture**

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Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

### **5.3. Advice for fire-fighters**

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

Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

### **6. Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

For emergency responders : Equip cleanup crew with proper protection.

Ventilate area.

For non-emergency personnel : Evacuate unnecessary personnel.

#### **6.2. Environmental precautions**

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

#### **6.3. Methods and material for containment and cleaning up**

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### **6.4. Reference to other sections**

See section 8. Exposure controls/personal protection

### **7. Handling and storage**

#### **7.1. Precautions for safe handling**

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Obtain special instructions before use.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

#### **7.3. Specific end use(s)**

Specific end use(s) : None.

### **8. Exposure controls/personal protection**

#### **8.1. Exposure controls**

Personal protection : Avoid all unnecessary exposure.

- Respiratory protection : Wear approved mask.
- Hand protection : Wear protective gloves.

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- Eye protection : Chemical goggles or safety glasses.
- Others : When using, do not eat, drink or smoke.

## 8.2. Control parameters

Occupational Exposure Limits : No data available.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state at 20 °C : Solid.

Odour : Mousy odor

Odour threshold : No data available.

pH value : No data available.

Melting point [°C] : 78 - 80 °C

Decomposition point [°C] : N/A

Critical temperature [°C] : N/A

Auto-ignition temperature [°C] : 5600C

Flammability (solid, gas) : N/A

Flash point [°C] : N/A

Boiling point [°C] : 221 °C

Initial boiling point [°C] : N/A

Final boiling point [°C] : N/A

Evaporation rate : N/A

Vapour pressure [20°C] : N/A

Vapour pressure mm/Hg : N/A

Vapour density : N/A

Density [g/cm<sup>3</sup>] : 1,16

Relative density, gas (air=1) : N/A

Relative density, liquid (water=1) : N/A

Solubility in water [% weight] : 1 g/500 mg water

Solubility in water : N/A

Log Pow octanol / water at 20°C : No data available.

Solubility : N/A

Viscosity at 40°C [mm<sup>2</sup>/s] : N/A

### 9.2. Other information

Explosive properties : N/A

Explosion limits - upper [%] : N/A

Explosion limits - lower [%] : N/A

Oxidising properties : No data available.

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## **10. Stability and reactivity**

### **10.1. Reactivity**

Reactivity : Not established.

### **10.2. Chemical stability**

Chemical stability : Stable under recommended storage conditions.

### **10.3. Possibility of hazardous reactions**

Hazardous reactions : Not established.

### **10.4. Conditions to avoid**

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

### **10.5. Incompatible materials**

Materials to avoid : Strong acids. Strong bases.

### **10.6. Hazardous decomposition products**

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity

- Inhalation : Based on available data, the classification criteria are not met.
- Dermal : Based on available data, the classification criteria are not met.
- Ingestion : Based on available data, the classification criteria are not met.

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

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

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

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

Carcinogenicity : Suspected of causing cancer.

Toxic for reproduction : Based on available data, the classification criteria are not met.

STOT-single exposure : Based on available data, the classification criteria are not met.

STOT-repeated exposure : Based on available data, the classification criteria are not met.

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

## **12. Ecological information**

### **12.1. Toxicity**

Toxicity information : Not established.

### **12.2. Persistence - degradability**

Persistence - degradability : Biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential : Not established.

### **12.4. Mobility in soil**

Mobility in soil : Not established.

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## **12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## **12.6. Other adverse effects**

Environmental precautions : Avoid release to the environment.

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## **14. Transport information**

### **14.1. Land transport (ADR-RID)**

General information : Not regulated.

### **14.2. Sea transport (IMDG) [English only]**

General information : Not regulated.

### **14.3. Air transport (ICAO-IATA) [English only]**

General information : Not regulated.

## **15. Regulatory information**

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

Safety, health and environmental : Ensure all national/local regulations are observed. regulations/legislation specific for the substance or mixture

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

### **15.2. Chemical Safety Assessment**

Chemical Safety Assessment : It has not been carried out.

## **16. Other information**

**Abbreviations and acronyms : PBT:** persistent, bioaccumulative and toxic.

**vPvB:** very persistent and very bioaccumulative

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**Sources of key data used :** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information :** None.

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**End of document**

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