

MATERIAL SAFETY DATA SHEET**Product Name:** THIOACETAMIDE**CAS No.:** 62-55-5**Version:** 0**1. Identification**

Product Code : 93156
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2. Hazards Identification**Hazard classification**

Acute toxicity, Oral : Category 4
Skin irritation : Category 2
Eye irritation : Category 2
Carcinogenicity : Category 1 B
Chronic aquatic toxicity : Category 3

Labels elements

Hazard symbol

**Signal word** : Danger

Hazard statement : Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.
May cause cancer.
Harmful to aquatic life with long lasting effects.

Precautionary statement : Obtain special instructions before use.
Avoid release to the environment.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/ attention.

Supplemental Hazard Statements : None

3. Composition/information on ingredients

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Ingredient : Ethanethioamide
CAS No. : 62-55-5
Percent : Min 99.0%
Formula : C₂H₅NS
Molecular Weight : 75.13 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 : Take off contaminated clothing and shoes immediately. 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 : Do NOT induce vomiting. 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 Treatment : 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 (NO_x), Sulphur oxides

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

6. Accidental Release Measures

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- 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.
- 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. Normal measures for preventive fire protection.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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
- Skin and Body Protection : Lab coat.

9. Physical and Chemical Properties

- Appearance** : White to off white powder.
- Odor** : No data available
- pH** : 5.2 at 100 g/l at 20 °C
- Melting point/freezing point** : 108 - 112 °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

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Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No data available
Conditions to avoid	: No data available
Incompatible materials	: Strong oxidizing agents, Strong acids, Strong bases
Hazardous decomposition products	: Hazardous decomposition products formed under fire conditions. - - Carbon oxides, Nitrogen oxides (NO _x), Sulphur oxides

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	: Harmful to aquatic life with long lasting effects.

13. Disposal consideration

Disposal instructions	: Offer surplus and non-recyclable solutions to a licensed disposal company.
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MATERIAL SAFETY DATA SHEET**Product Name:** THIOACETAMIDE**CAS No.:** 62-55-5**Version:** 0**Contaminated packaging** : Dispose of as unused product.**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 :**25/07/2017**Version** : 0

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