

## THIOACETAMIDE (ETHANETHIOAMIDE), EXTRA PURE

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** THIOACETAMIDE (Ethanethioamide), EXTRA PURE

**Product Code:** 959

**CAS#:** 62-55-5

**Synonym:** Not available

**Molecular Weight:** 75.13

**Chemical Formula:** C<sub>2</sub>H<sub>5</sub>NS

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

**Composition:**

**Product Name:** THIOACETAMIDE (Ethanethioamide)

**Synonym:** Not available

**Molecular Weight:** 75.13

**Chemical Formula:** C<sub>2</sub>H<sub>5</sub>NS

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture:** Classification according to Regulation (EC) No 1272/2008 : Acute toxicity, Oral (Category 4), H302 Skin irritation (Category 2), H315 Eye irritation (Category 2), H319 Carcinogenicity (Category 1B), H350 Long-term (chronic) aquatic hazard (Category 3), H412

**Other hazards:** This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

### SECTION 4: FIRST AID MEASURES

**Description of first aid measures:** General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled If breathed in:** Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:** Flush eyes with water as a precaution.

**If 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 delay:** Not available

**Indication of any immediate medical attention and special treatment needed:** Not available

### SECTION 5: FIRE AND EXPLOSION DATA

**Extinguishing media:**

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

**Special hazards arising from the substance or mixture:** Not available

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

### SECTION 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. Avoid breathing dust.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.



**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.

## SECTION 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.

**Specific end use(s) A part from the uses:** no other specific uses are stipulated.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**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:** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin 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.

**Control of environmental exposure:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance Form</b>	: White crystalline powder
<b>Colour</b>	: Not available
<b>Odour</b>	: Not available
<b>Odour Threshold</b>	: Not available
<b>pH</b>	: Not available
<b>Melting point/freezing point</b>	: Not available
<b>Initial boiling point and boiling range</b>	: Not available
<b>Flash point</b>	: Not available
<b>Evaporation rate</b>	: Not available
<b>Flammability (solid, gas)</b>	: Not available
<b>Upper/lower flammability or explosive limits</b>	: Not available
<b>Vapour pressure</b>	: Not available
<b>Relative density</b>	: Not available
<b>Water solubility</b>	: Not available
<b>Partition coefficient</b>	: Not available
<b>Auto-ignition temperature</b>	: Not available

## SECTION 10: STABILITY AND REACTIVITY DATA

**Reactivity:** The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed

**Chemical stability:** Stable under recommended storage conditions

**Possibility of hazardous reactions:** Risk of ignition or formation of inflammable gases or vapours with: Strong acids hydrogen sulphide Violent reactions possible with: Strong oxidizing agents Strong bases



**Conditions to avoid:** Not available

**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products Other decomposition products:** Not available.

### SECTION 11: TOXICOLOGICAL INFORMATION

**Information on toxicological effects:**

**Acute toxicity** LD50 Oral - Rat - 301 mg/kg

**Inhalation:** Not available

**Dermal:** Not available

**Skin corrosion/irritation:** No skin irritation

**Serious eye damage/eye irritation:** Not available

**Respiratory or skin sensitization:** Not available

**Carcinogenicity:** This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification. Possible human carcinogen

**Reproductive toxicity:** Not available

**Specific target organ toxicity:** Not available

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 270 mg/l - 96,0 h

**Persistence and degradability:** Not available

**Bio accumulative potential:** Not available

**Mobility in soil:** Not available

**Results of PBT and vPvB assessment PBT/vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

**Other adverse effects:** Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Waste must be disposed of in accordance with federal, state and local environmental control regulations

### SECTION 14: TRANSPORT INFORMATION

**ADR/RID:**

**IMDG:**

**IATA:**

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class(es):**

**ADR/RID:**

**IMDG:**

**IATA:**

**Packaging group:**

**ADR/RID:**

**IMDG:**

**IATA:**

**Environmental hazards:**

**ADR/RID:** No

**IMDG Marine pollutant:** No

**IATA:** No

### SECTION 15: OTHER REGULATORY INFORMATION

**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



**Chemical Safety Assessment** For this product a chemical safety assessment was not carried out

#### SECTION 16: OTHER INFORMATION

**Full text of H-Statements referred:**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H350 Harmful if swallowed.

H412 Causes skin irritation.

**Other Special Considerations:** Not available

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

