

ACETAMIDE

SECTION 1: PRODUCT IDENTIFICATION

Product Name: ACETAMIDE
Product Code: TMB 002
CAS#: 60-35-5
Synonym: Amide C2
Chemical Name: Not Available
Chemical Formula: C₂H₅NO
Formula Weight: 59.07

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Name: Amide C2

Toxicological Data on Ingredients:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Carcinogenicity (Category 2), H351

This substance is not classified as dangerous according to Directive 67/548/EEC.

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Potential Acute Health Effects: Not a hazardous substance or mixture:

Potential Chronic Health Effects:

Carcinogenic Effects: H351 Suspected of causing cancer.

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Wash off immediately with soap and plenty of water. Cover the irritated skin with emollient. Immediate medical attention is required.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not Available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

SECTION 5: FIRE FIGHTING MEASURES

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 firefighting if necessary

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions 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.

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.

Storage conditions

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Moisture sensitive.

Storage class

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection

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.

Respiratory protection

Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	Crystalline
Odor	:	Not available
Color	:	White
Molecular Weight	:	Not available
PH	:	Not available
Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available



Vapor Pressure	:	Not applicable
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable.

Instability Temperature: Not available

Conditions of Instability: Not available

Incompatibility with various substances: Strong oxidizing agents, Strong acids, Strong bases, Strong reducing agents

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Corrosivity: Non corrosive.

Special Remarks on Reactivity: Not available

Polymerization: Will Not occur.

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)

SECTION 11: TOXICOLOGICAL INFORMATION.

Routes of Entry: Inhalation, Ingestion

Toxicity to Animals:

LD₅₀: Oral Rat - 7.000 mg/kg

LC₅₀: Not available

Chronic Effects on Humans: Not available

Other Toxic Effects on Humans: Not available

Special Remarks on Toxicity to Animals: Not available

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: 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)

Potential Health Effects: Not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 13.300 mg/l - 96 h

BOD and COD: Not Available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not Available.

Special Remarks on the Products of Biodegradation: Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:



Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number:

ADR/RID:

IMDG:

IATA:

UN proper shipping name

ADR/RID:

IMDG:

IATA:

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: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

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

Chemical Safety Assessment: Not available.

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements.

H351 Suspected of causing cancer.

Other Special Considerations: Not available

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