

Kifunensine

Cat#: orb340628 (MSDS)

Section 1: Product and Company Identification

Name: Kifunensine

CAS Number: 109944-15-2

Chemical Formula: C₈H₁₂N₂O₆

Section 2: Hazards Identification

GHS – Classification

Eye irritation (Category 2A), H319

Signal Word

Warning

Hazard Statements

H319 - Causes serious eye irritation

Precautionary statements

P264 - Wash skin thoroughly after handling

P280 - Wear eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/ attention

Other information

None

Section 3: Composition / Information on Ingredients

This product contains only the ingredient described in Section 1.

Section 4: First Aid Measures

General Advice: Show this safety data sheet to the doctor in attendance.

Eye Contact: Flush eyes with water as a precaution. Remove contact lenses. Call in ophthalmologist.

Skin Contact: Take off all contaminated clothing. Wash off with soap and plenty of water.

Inhalation: If breathed in, move person into fresh air.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Drink water (two glasses at most).

Notes to Physician: Treat symptomatically

Section 5: Fire and Explosion Data

Flammability: Not Available

Flash Point: Not Available

Combustion Products: Carbon oxides, Nitrogen oxides (NOx). Combustible.

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Fight fire according to surrounding conditions.

Special Firefighting Procedures: Wear self-contained breathing apparatus for firefighting if necessary.

Explosion Data: Not Available

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, dust, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions: Do not let product enter drains.

Methods of Containment and Cleanup: Pick up and arrange disposal without creating dust using wet towels, for example. Keep in suitable, closed containers for disposal.

Methods for Disposal: See section 13

Section 7: Storage and Handling Precautions

Advice on 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 and Handling: Keep container tightly closed in a dry and well-ventilated place. Combustible.

Section 8: Exposure Controls / Personal Protection

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by region-specific regulatory bodies.

Personal Protective Equipment:

Eye / Face Protection: Tightly fitting safety goggles. Face shield

Skin Protection: Handle with gloves

Respiratory Protection: Wear NIOSH / MSHA approved respirator if required.

Body Protection: Impervious clothing

Personal Hygiene Measures: When using this product, do not eat, drink or smoke.

Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

Section 9: Physical and Chemical Properties

Appearance: Powder **Odor:** Not Available

Odor Threshold: Not available **Physical state @ 20°C:** Solid

pH: Not Applicable **Auto-ignition Temp.:** Not Available

Flash Point: Not available **Boiling point:** Not Available

Decomposition Temp.: Not Available **Flammability limits in air:** Not Available

Melting Point: Not found **Aqueous Solubility:** Not Available

Explosion Limits: Not Applicable **Vapor Density:** Not Available

Specific Gravity: Not Available

Evaporation Rate: Not Applicable

VOC Content: Not Applicable

Section 10: Stability and Reactivity Data

Reactivity: None known

Chemical Stability: This material is stable if stored as directed

Possibility of Hazardous Reactions: None known

Incompatible products: Strong oxidizing agents

Conditions to avoid: Not available

Hazardous decomposition products: In the event of fire: see section 5

Hazardous polymerization: Does not occur

Section 11: Toxicological Information

Acute Toxicity

Oral toxicity: No data available

Inhalation: No data available

Dermal: 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 component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: None known

RTECS#: Not known

Chronic Toxicity: No data available

Target Organs or Systems: The chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

Ecotoxicological Information: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: No data available

Section 13: Disposal Considerations

Waste Disposal Method: Offer surplus and non-recyclable product and packaging to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

Section 14: Transport Information

Land Transport (US DOT):

Not dangerous goods

Marine Transport (IMDG):

Not dangerous goods

Air Transport (ICAO / IATA):

Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components

SARA 302: This material does not contain any components with a section 302 EHS TPQ.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Not listed

New Jersey Right To Know Components

Not listed

California Prop. 65 Components

Not listed