



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT CODE	A0088
PRODUCT NAME	ISOAMYL BENZOATE
SUPPLIER	Shanghai M & U International Trade Co., Ltd. Rm 1717, No 598 North NuJiang Road 200333 Shanghai, China +86-21-32515501 32515502 sales@mu-intel.com

FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)

2. HAZARD IDENTIFICATION:

Acute Health Effects

Irritating to eyes and skin on contact. Inhalation causes irritation of the lungs and respiratory system. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Follow safe industrial hygiene practices and always wear proper protective equipment when handling this compound

Chronic Health Effects

CARCINOGENIC EFFECTS	Not available
MUTAGENIC EFFECTS	Not available
TERATOGENIC EFFECTS	Not available
DEVELOPMENTAL TOXICITY	Not available

Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions

3. COMPOSITION AND INFORMATION ON INGREDIENTS:

Chemical identity	Butanoic acid, Isoamyl ester
Molecular formula	C ₁₂ H ₁₁ O ₂
Molecular Weight	192.26
CAS No.	94-46-2
Fema No.	2058

4. FIRST-AID GUIDE:

Eye Contact

Check for and remove any contact lenses. DO NOT use an eye ointment. Seek medical attention. Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower

eyelids

Skin Contact

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention

Inhalation

If the victim is not breathing, perform mouth-to-mouth resuscitation. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, oxygen can be administered. Seek medical attention if respiration problems do not improve

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

5. FIRE-FIGHTING GUIDE:

Flammability	May be combustible at high temperature
Auto-Ignition	Not available
Flash Points	129°C (264.2°F)
Flammable Limits	Not available
Combustion Products	These products are toxic carbon oxides (CO, CO 2)
Fire Hazards	Not available
Explosion Hazards	Risks of explosion of the product in presence of mechanical impact: Not available Risks of explosion of the product in presence of static discharge: Not available
Fire Fighting Media and Instructions	
SMALL FIRE	Use DRY chemical powder
LARGE FIRE	Use water spray, fog or foam. DO NOT use water jet

6. ACCIDENTAL RELEASE GUIDE:

Spill Cleanup Instructions

Irritating material

In case of a spill and/or a leak, always shut off any sources of ignition, ventilate the area, and exercise caution. Use a shovel to put material into a convenient waste disposal container. Finish cleaning the spill by rinsing any contaminated surfaces with copious amounts of water. Consult federal, state and/or local authorities for assistance on disposal

7. HANDLING AND STORAGE:

Handling and Storage Information

IRRITANT

Keep away from heat. Mechanical exhaust required. When not in use, tightly seal the container and store in a dry, cool place. Avoid excessive heat and light. DO NOT ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation,

wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Treat symptomatically and supportively. Avoid contact with skin and eyes. Always store away from incompatible compounds such as oxidizing agents, acids, alkalis (bases)

8. EXPOSURE AND PERSONAL PROTECTION:

Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash station and safety shower is proximal to the work-station location

Personal protective equipment

Splash goggles, lab coat, vapor respirator, boots, gloves, A MSHA/NIOSH approved respirator must be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Respiratory protection

Required when vapors/aerosols are generated

Eye protection

Wear eye/ face protection

Hand protection

Wear suitable gloves

Industrial hygiene

Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form	Liquid
Color	No information available
Odor	No information available
pH value at 10 g/l H₂O	No information available
Boiling point	261-262°C
Flash point	No information available
Melting point	No information available
Density/specific gravity@20°C	0.990
Solubility	No information available

10. STABILITY AND REACTIVITY:

Stability

This material is stable if stored under proper conditions. (See Section VII for instructions)

Conditions of Instability

Avoid excessive heat and light

Incompatibilities

Reactive with oxidizing strong agents, strong acids, strong alkalis (bases)

11. TOXICOLOGICAL INFORMATION:

RTECS Number

DH3078000

Routes of Exposure

Eye Contact. Ingestion. inhalation. Skin contact.

Toxicity Data

Rat LD50 (oral) 6330mg/kg

Rabbit LD50 (dermal) >5g/kg

Chronic Toxic Effects

CARCINOGENIC EFFECTS Not available

MUTAGENIC EFFECTS Not available

TERATOGENIC EFFECTS Not available

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Acute Toxic Effects

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12. ECOLOGICAL INFORMATION:**Biologic degradation**

Biodegradation No information available

Ecotoxic effects

Biological effects No information available

Fish toxicity No information available

Bacterial toxicity No information available

Daphnia toxicity No information available

Algal toxicity No information available

Behavior in environmental compartments

Distribution log P(oct) No information available

Further ecological data

No information is available

13. DISPOSAL RECOMMENDATIONS:**Waste Disposal**

Recycle to process, if possible. Consult your local or regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state, and local regulations when disposing of this substance

14. TRANSPORTATION INFORMATION:**DOT (US)**

Not dangerous goods.

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION:**TSCA Chemical Inventory (EPA)**

This compound is ON the EPA Toxic Substances Control Act (TSCA) inventory list

WHMIS Classification (Canada)

not available

EINECS Number (EEC)

202-334-4

EEC Risk Statements

R36/37/38- Irritating to eyes, respiratory system and skin

Japanese Regulatory Data

Not available

16. OTHER INFORMATION:

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