



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT CODE	A0086
PRODUCT NAME	ISOAMYL ACETATE
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:

**CLASSIFICATION R10, R66
PHYSICAL AND CHEMICAL HAZARDS**

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures

HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea

3. COMPOSITION AND INFORMATION ON INGREDIENTS:

EU INDEX NO.	607-130-00-2
EC (EINECS) NO.	204-662-3
GROSS FORMULA	C7 H14 O2
CAS-NO.	123-92-2

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4. FIRST-AID GUIDE:

GENERAL INFORMATION

General first aid, rest, warmth and fresh air, do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION

Place unconscious person on the side in the recovery position and ensure breathing. If respiratory

problems, artificial respiration/oxygen, get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions

SKIN CONTACT

Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing

5. FIRE-FIGHTING GUIDE:

EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Carbon dioxide (CO₂) Dry chemicals, sand, dolomite etc DO NOT use water if avoidable

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases

SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE GUIDE:

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container

SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water. Wash thoroughly after dealing with a spillage

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Do not use contact lenses. Avoid spilling, skin and eye contact. Eye wash facilities and emergency shower must be available when handling this product. During application and drying, solvent vapours will be emitted

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place, Store under well-ventilated conditions at a temperature below 25°C

STORAGE CLASS

Flammable liquid storage

8. EXPOSURE AND PERSONAL PROTECTION:

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded

HAND PROTECTION

Protective gloves and goggles must be used if there is a risk of direct contact or splash.

EYE PROTECTION

Contact lenses should not be worn when working with this chemical! Wear approved safety goggles

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station and safety shower

HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated. Do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE	Liquid
COLOR	Colorless
ODOR	Strong, Fruity, Pear Drops
SOLUBILITY	Slightly soluble in water, soluble in Organic solvents
MOL. WEIGHT	130.19
BOILING POINT (°C)	142 - 143 99mBar
RELATIVE DENSITY	0.872 -0.874 @ 20 °c
VAPOUR DENSITY (air=1)	4.4
VAPOUR PRESSURE	10 mmHg @ 20 °c
FLASH POINT (°C)	25 CC (Closed cup)

REFRACTIVE INDEX

1.395 - 1.405

10. STABILITY AND REACTIVITY:

STABILITY

No particular stability concerns.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE 1 - LD 50

16600 mg/kg (oral rat)

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing

INGESTION

Gastrointestinal symptoms, including upset stomach

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking

EYE CONTACT

Irritating and may cause redness and pain

12. ECOLOGICAL INFORMATION:

ECOTOXICITY

No data on possible environmental effects have been found

13. DISPOSAL RECOMMENDATIONS:

GENERAL INFORMATION

Waste to be treated as controlled waste, disposal to licensed waste disposal site in accordance with local Waste Disposal Authority

DISPOSAL METHODS

Absorb in vermiculite or dry sand, dispose in licensed special waste. Make sure containers are empty before discarding (explosion risk)

14. TRANSPORTATION INFORMATION:

DOT (US)

UN number: 1104 Class: 3 Packing group: III

Proper shipping name: Amyl Acetates

IMDG

UN number: 1104 Class: 3 Packing group: III
Proper shipping name: Amyl Acetates

IATA

UN number: 1104 Class: 3 Packing group: III
Proper shipping name: Amyl Acetates

15. REGULATORY INFORMATION:**LABELLING**

Irritant

RISK PHRASES

R10 Flammable

R66 Repeated exposure may cause skin dryness or cracking

SAFETY PHRASES

S25 Avoid contact with eyes

S23A Do not breathe gas/fumes/vapour/spray

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 No. 1689
Workplace Exposure Limits 2005 (EH40)

16. OTHER INFORMATION:

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