



MATERIAL SAFETY DATA SHEET

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EMERGENCY No. 0419 341 095 any time

<http://www.nuvo.com.au>**PRODUCT: MIBK****PRODUCT NAME:** METHYL ISOBUTYL KETONE**OTHER NAMES:** MIBK**UN NUMBER:** 1245**HAZCHEM CODE:** 3**PACKAGING GROUP:** II**SHIPPING NAME:** Methyl isobutyl ketone**DANGEROUS GOODS:****CLASS & SUB RISK:** Not applicable**POISONS SCHEDULE:** Not applicable**STATEMENT OF HAZARDOUS NATURE:**

Classified as hazardous according to the criteria of Worksafe Australia.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR : Colourless liquid, mild odour.
BOILING POINT : 114°C
MELTING POINT : -84°C
FLASHPOINT : 16°C (ASTM D-56)
VAPOUR PRESSURE : 15.0 mmHg at 20°C
VAPOUR DENSITY : 3.5
RELATIVE DENSITY : 0.802
SOLUBILITY IN WATER : Moderate
VISCOSITY : 1.0 at 40°C
FLAMMABILITY LIMITS : 1.4-7.5%

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
Methyl isobutyl ketone	108-10-1	100%

1. HEALTH HAZARD INFORMATION**Acute Health Hazards:****Swallowed**

May cause irritation.

Eyes

Vapour may cause irritation to the eyes.

Skin

Prolonged repeated skin contact with low viscosity materials may de-fat the skin resulting in possible irritation and dermatitis.

Inhaled

At very high levels of vapours narcosis may occur resulting in weakness, headache, dizziness, nausea and vomiting.

2. FIRST AID**Swallowed**

Do not induce vomiting. Give 1 to 2 glasses of water. Get medical assistance.

Eyes

Flush thoroughly with water. If irritation occurs, obtain medical attention.

Skin

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

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PRODUCT: MIBK**Inhaled**

Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance and call a physician.

First aid facilities

Provide eye bath and safety shower in the immediate vicinity of any potential exposure.

Advice to doctor

Material if aspirated into the lungs may cause chemical pneumonitis. Treat appropriately.

3. PRECAUTIONS FOR USE**Exposure standards**

TWA: 50 ppm, 205 mg/m³. STEL: 75 ppm, 300 mg/m³.

Engineering controls

Use in well ventilated area with local exhaust ventilation. Ventilation required and equipment must be explosion proof. Use away from all ignition sources.

Personal protection

Eyes: Safety glasses; Hands/skin: Gloves.

Flammability

Flashpoint: 16°C. Flammability limits: LEL: 1.4%, UEL: 7.5%.

4. SAFE HANDLING INFORMATION**Storage & Transport:**

Use in a well ventilated area away from all ignition sources. Avoid sparking conditions. Ground and bond all transfer equipment. Drums must be grounded and bonded and equipped with self-closing valves, pressure vacuum bungs and flame arresters. Outside or detached storage preferred. Storage containers should be grounded and bonded. Store in a cool area away from all ignition sources.

Stability & Reactivity:

Stable under normal conditions. Avoid heat, sparks, flame and build up of static electricity. Strong oxidisers and alkalis. On hazardous decomposition carbon monoxide will be produced.

Spills & disposal:

Eliminate all ignition sources. Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up with spark-resistant shovel and remove to appropriate waste disposal facility in accordance with current applicable laws. Prevent spills from entering storm sewers or drains and contact with soil. Contact local authorities for regulations on disposal.

Fire/Explosion Hazards:

This material is flammable. Vapour accumulation could flash and/or explode if ignited. Use carbon dioxide, foam, dry chemical, and water fog. Use water to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Water spray may be used to flush spills away from exposures. Prevent run-off from fire control or dilution from entering streams, sewers, or drinking water supply.

CONTACT POINT:**EMERGENCY No. 0419 341 095 all hours**

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.