



A Division of Appropriate Chemical International Ltd.

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Methyl IsoAmyl Ketone

MI500-00

SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

MANUFACTURER: Same as above
PREPARED BY: Production Department
VERSION DATE: 18-Mar-14
TELEPHONE NO.: (519) 686-6882
EMERGENCY PHONE NO.: (800) 996-6666
CHEMICAL FAMILY: Not Available **CHEMICAL FORMULA:** Not Applicable
MOLECULAR WEIGHT: Not Applicable **MATERIAL USE:** Please Refer to technical literature
SYNONYMS:

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
5-methylhexan-2-one; isoamyl methyl ketone	100	110-12-3	3200 MG/KG	N.Av.	N.Av.

SECTION 03: HAZARD IDENTIFICATION

ROUTE OF ENTRY

Eyes: Product is an irritant. Discomfort, tearing and blurring of vision may occur.
Skin: Severe skin irritant. Discomfort and rash may occur.
Inhalation: Harmful if inhaled.
Ingestion: Can be toxic.

SECTION 04: FIRSTAID

Skin Contact: Wash with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.
Eye Contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. In case of irritation from airborne exposure, move to fresh air. Get medical attention if symptoms persist.
Inhalation, Acute: Move to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion: Seek medical advice.
Notes to physician: N.Av.

SECTION 05: FIRE EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

FLAMMABLE?	Yes
IF YES, UNDER WHICH CONDITIONS?	
FLASH POINT (TCC) (C):	Not Available
FLAMMABLE LIMITS:	LEL(% BY VOL.): Not Available UEL(% BY VOL.): Not Available
AUTO IGNITION TEMPERATURE (C)	Not Available
EXTINGUISHING MEDIA	Water spray. Dry chemical. Carbon Dioxide. Foam.
SPECIAL PROCEDURES:	Fight fire from a protected location. Water may be ineffective in fighting the fire. Use water spray to keep fire-exposed containers cool. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
HAZARDOUS COMBUSTION PRODUCTS:	Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations. Forms peroxides of unknown stability.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Not Available
SENSITIVITY TO STATIC DISCHARGE	Not Available
SENSITIVITY TO MECHANICAL IMPACT:	Not Available

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Wear appropriate personal protective equipment. Do not release into the environment. Eliminate sources of ignition. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Large Spillages: Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SECTION 07: HANDLING AND STORAGE**Handling Procedures and Storage Requirements**

Avoid breathing mist or vapor. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash thoroughly after handling. Minimize exposure to air. After opening, purge container with nitrogen before reclosing. Periodically test for peroxide formation on long-term storage. Do not allow to evaporate to near dryness. Do not distill to near dryness. Addition of water or appropriate reducing materials will lessen peroxide formation. Keep container tightly closed and in a well-ventilated place. Store away from heat and light.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES/TYPE:	Impervious chemical resistant gloves.
RESPIRATOR/TYPE:	A NIOSH/MSHA respirator with organic vapor cartridge.
EYE/TYPE:	Wear safety glasses with side shields (or goggles).
OTHER/TYPE:	Not Available
ENGINEERING CONTROL	Not Available

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE/APPEARANCE:	Liquid		
ODOUR:	ketone	ODOUR THRESHOLD:	0.012 ppm
VAPOUR PRESSURE (mm Hg @ 20C):	6.0 mbar	VAPOUR DENSITY (Air=1):	3.9
EVAPORATION RATE (Ether = 1):	N. Av.	SPECIFIC GRAVITY:	0.8119
BOILING POINT (C):	144 °C	FREEZING POINT (C)	-73.9 °C
Ph (% SOLUTION):	N. Av.	% VOLATILE (WT):	N. Av.
SOLUBILITY IN WATER (% W/W)	5.4 g/l		

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE? Stable

IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES Yes

IF YES, WITH WHICH ONES: Strong oxidizing agents.

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide. Carbon Monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL
LC 50 OF MATERIAL, SPECIES AND ROUTE
LD 50 OF MATERIAL, SPECIES AND ROUTE
CARCINOGENICITY OF MATERIAL
REPRODUCTIVE EFFECTS:
IRRITANCY OF MATERIAL
SENSITIZING CAPABILITY OF MATERIAL
SYNERGISTIC MATERIALS

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of waste and residues in accordance with local authority requirements. Mix with compatible chemical which is less flammable and incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION Class 3, Methyl IsoAmyl Ketone
UN NUMBER: 2302
PACKING GROUP: III
Special Provisions for Transport

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION B2

SECTION 16: OTHER INFORMATION

ABBREVIATIONS USED: N.Av. = Not Available
N.App. / N.Ap. = Not Applicable

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SOURCES: Supplier MSDS

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