

SAFETY DATA SHEET

METHYL IONONE PURE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME METHYL IONONE PURE

PRODUCT NO. MIP

EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

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2 HAZARDS IDENTIFICATION

HAZARD ID Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION R52/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name 3-METHYL-4-)2,6,6-TRIMETHYL
-2-CYCLOHEXEN-1-YL)

EC No. -3-BUTEN-2-ONE

CAS-No. 127-51-5

Content 60-100%

Classification R52/53.

RISK PHRASES R52/53

Name n-ALPHA METHYL IONONE

EC No.

CAS-No. 127-42-4

Content 10-30%

Classification -

RISK PHRASES NC

Name n-BETA METHYL IONONE

EC No.

CAS-No. 127-43-5

Content 5-10%

Classification -

RISK PHRASES NC

4 FIRST-AID MEASURES

INHALATION Move into fresh air and keep at rest. If breathing becomes difficult, call a physician.

INGESTION Rinse nose, mouth and throat with water. Get medical attention.

SKIN CONTACT Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. If irritation persists, seek medical attention.

EYE CONTACT Important! Immediately rinse with water for at least 15 minutes. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Extinguish with foam, carbon dioxide, dry powder or water fog.

UNUSUAL FIRE & EXPLOSION HAZARDS Emits toxic fumes under fire conditions.

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS Prevent entry into drains.

SPILL CLEAN UP METHODS Absorb in vermiculite, dry sand or earth and place into containers. Dispose of in accordance with local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

STORAGE PRECAUTIONS Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS PROTECTIVE EQUIPMENT No exposure limits noted for ingredient(s).



ENGINEERING MEASURES Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION Use suitable protective gloves if risk of skin contact.

EYE PROTECTION Wear approved safety goggles.

OTHER PROTECTION Provide eyewash station and safety shower.

HYGIENE MEASURES No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Liquid
 COLOUR Colourless to pale yellow
 ODOUR Floral-like. Mild Violet
 SOLUBILITY Soluble in Alcohol
 MOL. WEIGHT 206.33
 BOILING POINT (°C) 110 at 4mm Hg
 RELATIVE DENSITY 0.9260 - 0.9350 25
 VAPOUR DENSITY >1
 (air=1)
 VAPOUR PRESSURE 3.47 Pa

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions and recommended use.
 CONDITIONS TO AVOID Avoid excessive heat for prolonged periods of time. Keep protected from light and air.
 MATERIALS TO AVOID Materials that react with oxygenated hydrocarbons Strong acids. Strong bases.
 HAZARDOUS DECOMPOSITION PRODUCTS Acrid smoke/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (skn-rbt)
 TOXIC DOSE 2 - LD 50 >5000 mg/kg (oral rat)
 INHALATION May be harmful if inhaled.
 INGESTION May be harmful if swallowed.
 SKIN CONTACT May cause skin irritation May be harmful if absorbed through the skin.
 EYE CONTACT May cause eye irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Must be disposed of by special means e.g. suitable incineration Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

TRANSPORT LABELS



PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Gammanolene 700)
 UN NO. ROAD 3082

UK ROAD PACK GR. III
 ADR CLASS NO. 9
 ADR CLASS Class 9: Miscellaneous dangerous substances and articles.
 ADR PACK GROUP III
 TUNNEL RESTRICTION CODE (E)
 HAZARD NO. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.
 UN NO. SEA 3082
 IMDG CLASS 9
 IMDG PACK GR. III
 UN NO. AIR 3082
 AIR CLASS 9
 AIR PACK GR. III

15 REGULATORY INFORMATION

RISK PHRASES

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SAFETY PHRASES

S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

GENERAL INFORMATIONDISCLAIMER: This safety data sheet relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

INFORMATION SOURCES Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS This is first issue.

REVISION DATE 02/08

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11031

RISK PHRASES IN FULL Not classified.

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