

GAMMA METYL IONONE

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier:

Product Name : GAMMA METHYL IONONE
Product Code : P085
Chemical Name : 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one
CAS Number : 127-51-5
EINECS Number : 204-846-3
FEMA : 2714
Reach Registration No. : Not registered

1.2 Relevant identified uses of the substance or mixture:

Raw material used in flavoring preparation and/or perfumery.

1.3 Details of the supplier of the safety data sheet:

JAYSHREE AROMATICS PVT LTD
Plot No: 4703, 4704, 4705/1/2/3, 4 GIDC, ANKLESHWAR-393 002, GUJARAT, INDIA.
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SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008

Skin sensitisation (Category 1), H317

Long-term (chronic) aquatic hazard (Category 3), H412

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008



Pictogram:

Signal word: Warning

Hazard statements:

H317 : May cause an allergic skin reaction.

H412 : Harmful to aquatic life with long lasting effects.

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Precautionary statements:

- P261 : Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P273 : Avoid release to the environment.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 : If skin irritation or rash occurs: Get medical advice/ attention.
P362+P364 : Take off contaminated clothing and wash it before reuse.
P501 : Dispose of contents/containers in accordance with local/regional/national/international regulations.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/Information on ingredients**3.1 Substances:**

- Chemical Name** : 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3 buten-2-one
CAS Number : 127-51-5
EINECS Number : 204-846-3
Molecular Weight : 206.32
Formula : C₁₄H₂₂O
Concentration Range : 95.00 – 100 %

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Consumption** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact : Wash off with soap and plenty of water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed:

No data available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture:

Carbon oxides.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information:

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from Potential sources of ignition and protected from light. Store in accordance with local/national Regulations and follow the warnings on the label.

7.3 Specific end use(s):

Not available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance	: Liquid
Color	: Pale Yellow
Odor	: Violet, flowery, fruity woody
Specific gravity	: 0.9250 - 0.9350 at 25 ⁰ C
Refractive index	: 1.4965 - 1.5040 at 20 ⁰ C
Flash point	: > 100 ⁰ C
Boiling point	: 231-232°C @ 760 mm Hg
Vapour pressure	: 0.006000 mmHg @ 25.00 °C
Additional information	: Not available.

SECTION 10: Stability and Reactivity

10.1 Reactivity: No data available.

10.2 Chemical stability: Stable under normal operating condition.

10.3 Possibility of hazardous reactions: No data available.

10.4 Conditions to avoid: No data available.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides In the event of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/eye irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

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Carcinogenicity:

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity:

No data available.

Specific target organ toxicity - single exposure:

No data available.

Specific target organ toxicity - repeated exposure:

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological information**12.1 Toxicity:**

No data available.

12.2 Persistence and degradability:

No data available.

12.3 Bioconcentration factor:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects:

No data available.

SECTION 13: Disposal consideration**13.1 Waste treatment methods:**

Container disposal : Container must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

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Disposal conditions : Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International carriage of Dangerous goods by road (ADR)

UN Number : -
Proper Shipping Name : -
Packing Group : -
Class : -

Sea transport (IMDG)

UN Number : -
Proper Shipping Name : -
Packing Group : -
Class : -
Marine Pollutant : No

Air transport (ICAO/IATA)

UN Number : -
Proper Shipping Name : -
Packing Group : -
Class : -

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture:

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment:

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

The information contained in the present MSDS, according to regulation 1907/2006, is based on our knowledge and experience at the moment of publishing it. This document tries to give information about the correct use, storage and transport.

Bearing in mind that the use of this information and the conditions of use of the product are not under control JAYSHREE AROMATICS PVT LTD. provides the information contained herein in a good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose and take the responsibility for observing existing laws and regulations.

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