MATERIAL SAFETY DATA SHEET

ALPHA IONONE

1. PRODUCT AND COMPANY IDENTIFICATION
Commercial Name: ALPHA IONONE
Supplier: CHEMTEX USA INC.
    150 River Road, Suite G3B, Montville, NJ 07045 USA
    TEL. # (973) 335-2501; FAX # (973) 335-2552.
Emergency Telephone Number: North America (US & Canada)
    1-800-255-3924 (CHEMTEL INC.). (24 HOURS)

2. COMPOSITION / INFORMATION ON INGREDIENTS
Chemical Identification: 4-(2,2,6)-Trimethyl-2-Cyclohexen-1-Yl)-3-Buten-2-O
CAS: 127-41-3
EINECS: 204-814-6
FEMA: 2594
CoE: 141

3. HAZARDS IDENTIFICATION
See Label / Regulatory Information

4. FIRST-AID MEASURES
Eye Contact: Rinse immediately with plenty of water for 10 minutes at least.
            Contact a physician, if symptoms persist.
Skin Contact: Wash thoroughly with soap and water, flush with plenty of water.
             Take off spoil clothes. Contact physician if symptoms persist.
Ingestion: Wash the mouth with water, seek medical advice immediately.
Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Others: Take risk and safety phrases (section 15) into account.

5. FIRE-FIGHTING MEASURES
Exttinguishing Media Recommended: CO₂ foam, dry chemicals.
Non Recommended: Do not use direct water jet on burning material.
Extinguishing Procedures: Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.

6. ACCIDENTAL RELEASE MEASURES
Personal Precautions: Use an individual protective equipment (waterproof boots, suitable protective clothing, safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind.
Environment Precautions: Keep away drains, surface and groundwater and soil.
Methods for Cleaning up: Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Avoid open flames or other sources of ignition.
7. HANDLING AND STORAGE

Precautions in Handling: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Storage Conditions: Store in Cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep air contact to a minimum.

Fire Protection: Keep away from ignition sources and naked flame.

8. EXPOSURE CONTROL

Respiratory Protection: Avoid to breath directly on the product. Apply local ventilations when appropriate.

Ventilation: Ensure good ventilation of the work station.

Hand Protection: Avoid skin contact. Use chemical resistant gloves as needed.

Eye Protection: Use safety glasses.

Work / Hygienic Practices: Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor: Woody, Violet, Warm

Color: Colorless to Pale Yellow

Appearance: Clear Mobile Liquid

Flashpoint (°C): 110

Boiling Point (°C): -

Melting Point (°C): -

10. STABILITY AND REACTIVITY

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

Decomposition: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

LD 50 Oral / Rat (mg / kg): -

LD 50: -

Dermal / Rabbit (mg / kg): -

Remarks: Tested by R.I.F.M.

12. ECOLOGICAL INFORMATION

Biodegradability: Not determined

Precautions: Prevent contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS

In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

14. TRANSPORT REGULATIONS

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<tr>
<th>Class</th>
<th>Pack Group</th>
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<tbody>
<tr>
<td>Road</td>
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<td>AIR (IATA)</td>
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<td>SEA</td>
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150 River Road, Suite G3B, Mtvil, NJ 07045. Ph. # (973)459-8218; Fax # (905)212-7776.
15. REGULATORY INFORMATION

Hazards
Symbols
R. Phrases
S. Phrases

OTHER INFORMATION
Nos. Cas, EINECS, FEMA, Foe Related to Principal Product. It contains 0.1% of BHT (E-321).

Disclaimer:
CHEMTEX USA, INC. 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.