

U.K. Aromatics & Chemicals

MFRS.:- AROMATIC CHEMICALS

PLOT NO. K-6/3, KALODA NAKA, NAVAPUR ROAD, TARAPUR MIDC, BOISAR.401506.

TEL:02525-276520 / 661081/82.

E-mail: ukaroma@vsnl.com / ukaromatics@gmail.com

MATERIAL SAFTY DATA SHEET (MSDS)

In compliance with directive 91/155/ECC and its adaptations

- 1] Identification of the substances/preparation and of the company/ undertaking
Commercial name: Compounds for Perfumery & Agarbattis Intended use: Perfumery Ingredient

Address of the contact point in India

M/s. U.K.AROMATICS & CHEMICALS

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NAVAPUR ROAD, BOISAR – 401 506.

TEL. NO. 02525 – 276520 / 661081/82.

2] COMPOSITION/INFORMATION ON INGREDIENTS

| | | |
|--------------------------|----------|--|
| PRODUCT | : | TERPINYL BUTYRATE |
| MOLECULAR FORMULA | : | C₁₄H₂₄O₂ |
| MOLECULAR WEIGHT | : | 224.34 |
| CAS NO. | : | 2153-28-8 |
| EINECS/ELINCS NO | : | 218-445-6 |

3] HAZARDS INDENTIFICATION

PHYSICAL & CHEMICAL HAZARDS: Refer to the paragraph relating to Physico-Chemical Properties and regulatory information.

HAZARDS TO MAN: Refer to the paragraph relation to toxicology data and regulatory information.

HAZARDS TO THE ENVIRONMENT: Refer to the paragraph relation to ecological data and regulatory information.

R-PHRASES: Product not classified and dangerous according to European directive 67/548 and its adaptations.

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4] FIRST-AID MEASURES

EYE CONTACT: Rinse immediately with plenty of water for 10 minutes at lease. Contact a physician if symptoms persist.

SKIN CONTACT: Wash thoroughly with soap and water; flush with plenty of water. Take off spoiled 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.

5] FIRE FIGHTING MEASURES

EXTIGUISHING MEDIA RECOMMENDED: CO₂, foam, dry chemicals.

NONE RECOMMENDED: Do not use direct water jet on burning material.

EXTIGUISHING 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 individual protective equipment (waterproof boots, suitable protective clothing, and safety glasses). Prevent any contact with hot surface. Do not approach facing the wind.

ENVIRONMENT PRECAUTIONS: keep away from drains, surface and groundwater and soil.

METHODS FOR CLEANING UP : Contain spilled material. Cover with and 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

PRECAUTION IN HANDLING : Apply according to good manufacturing and industrial hygiene practices \ 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.

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8] EXPOSURE CONTROLS

RESPIRATORY PROTECTION: Avoid breathing directly on the product. Apply local ventilations 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 hand with soap and water after handling.

9] PHYSICAL AND CHEMICAL PROPERTIES: APPEARANCE

| | |
|-------------------------|--|
| FLASH POINT | : Colorless to pale yellow clear liquid |
| SPECIFIC GRAVITY | : >212.00 °F. TCC (>100.00 °C.) |
| WATER SOLUBILITY | : 0.9350 to 0.9450 |
| | : Insoluble in water |

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.

CONDITIONS TO AVOID: Excessive heat, open flamed or other sources of ignition, otherwise stable at ambient conditions

11] TOXICOLOGICAL INFORMATION

LD 50 oral (mg/kg) ORGANISM: NA

ORGANISM:

12] ECOLOGICAL INFORMATION

BIODEGRABILITY: Not determined.

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

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13] DISPOSAL CONSIDERATIONS

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

14] TRANSPORT INFORMATION

CLASS: UN/ID Number Packing group: Not required

RID / ADR: Not restricted

IMDG: Not restricted.

ICAO /IATA: Not restricted

15] REGULATORY INFORMATION

TABLE: TERPINYL BUTYRATE

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

U.K.AROMATICS & CHEMICALS, MUMBAI 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.