HIMALAYA TERPENES PVT. LTD.

201/5, Jogani Industrial Estate, VN Purav Marg, Chunabhatti Mumbai – 400022.
Tel: +91-22-35397805 Email: info@himalayaterpene.com

Material Safety Data Sheet

1. Identification of the substance/preparation and of the company

Date of issue: 01.04.2022

Product name: Camphor Powder

Recommended use: Flavorings & Fragrance

Supplier: **M/S. GREEN PINE INDUSTRIES**
201/5, Jogani Industrial Estate, VN Purav Marg, Chunabhatti Mumbai – 400022
Email: Info@himalayaterpene.com
Telephone Number: +91-22-35397805

2. Composition/information on ingredients

Chemical identity: Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1R)-

Molecular formula: $C_{10}H_{16}O$

CAS No.: 76-22-2, 464-49-3

EINECS NO. 200-945-0

3. Hazards identification

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

4. First aid measures

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

After eye contact: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

After swallowing: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

After inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

5. Fire-fighting measures

Fire Extinguisher Type:	Carbon Dioxide, dry chemical powder or appropriate foam
Fire/Explosion Hazards:	Flammable vapors. Vapors may form explosive mixture with air.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

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6. Accidental release measures

Personal precautions: use an individual protective equipement (waterproof boots, suitable protective clothing, and safety glasses). Prevent any contact with hot surfaces. 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 an inert, non-combustible, inorganic absolving 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 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.

8. Exposure controls and personal protection

Exposure limits

Avoid contact with eyes, skin, clothing, and breathing vapor.

Personal protective equipment:

Respiratory protection: avoid to breath directly on the product. Apply local ventilations when appropriate.

Ventilation: ensure good ventilation of the workstation.

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:

Melting Point:	174-179 Deg. C	Specific Gravity	0.992
Boiling Point:	397-405 Deg. C	Percent Volatile by Volume:	100%
Vapor Pressure:	0.18 mm Hg	Evaporation Rate:	N/A
Vapor Density:	5.24	Evaporation Standard:	Butylacetate =1
Solubility in Water:	0.12 %	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Clear white crystals, characteristic odor	Lower Flamm. Limit in Air:	0.6% Flash
Point:	150 Deg. F(60 Deg.C.)	Upper Flamm. Limit in Air:	3.5%

10. Stability and reactivity

Stability: Stable Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.

Materials to Avoid:

Oxidizers, napthalene, dichlorobenzene, potassium permanganate, organic solvents, chromic anhydride, chlorates, salts.

Hazardous Decomposition Products: Not known to occur

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

11. Toxicological information

LD50 oral, rat: 5000 mg/kg
LD50 dermal, rabbit: 5000 mg/kg
LD50 inhalation, rat: No information available
Further toxicological information: May be harmful if inhaled, swallowed, or if absorbed through the skin.

12. Ecological information

Biodegradability: not determined.

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

Disposal considerations: accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.
Do not allow to enter water, drain or soil.

13. Disposal considerations

Product: according to official local regulations.
Packing: according to official local regulations.

14. Transport information

	CLASS	PACKING GROUP	UN NO.
ROAD(ADR/RID)	4.1	6C	2717
AIR(IATA)	4.1	III	2717
SEA(IMDG)	4.1	III	2717

15. Regulatory information

US FEDERAL

TSCA

CAS# 76-22-2 is listed on the TSCA inventory.

CAS# 21368-68-3 is not listed on the TSCA inventory. It is for research and development use only.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 21368-68-3: immediate, fire.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 76-22-2 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

CAS# 21368-68-3 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XI F

Risk Phrases:

R 11 Highly flammable.
R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:
S 16 Keep away from sources of ignition - No smoking.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)
CAS# 76-22-2: 1
CAS# 21368-68-3: No information available.
Canada - DSL/NDSL
CAS# 76-22-2 is listed on Canada's DSL List.
CAS# 21368-68-3 is listed on Canada's DSL List.
Canada - WHMIS
This product has a WHMIS classification of B4, D2B.
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.
Canadian Ingredient Disclosure List

16.Other information

The information and recommendation contained in the data sheet represent, to the best of our knowledge and belief, an accurate and reliable representation as to the known data for this material. The data has been obtained from a number of sources and we cannot guarantee its accuracy, reliability and completeness nor can we assume any liability for any loss or damage arising out of the use of this data. It is the user's responsibility to evaluate this information in a prudent manner and to use it in a manner that is consistent for its particular purpose.