

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product Code 00090
Product Name Camphor Synthetic White Crystal USP

CAS-No 76-22-2
Chemical Name Camphor
Substance or Mixture Substance
Formula C10H16O

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Pharmaceutical

Uses advised against NOT FOR USE AS A FOOD INGREDIENT

1.3. Details of the supplier of the safety data sheet

Supplier

Vantage Specialty Ingredients, Inc.,
150 MT. Bethel Road
Building 2, Suite 200
Warren, New Jersey 07059
Tel: (973) 345-8600
Fax: (973) 345-8365

E-mail Address Regulatory.PC.US@vantagegrp.com

1.4. Emergency telephone number

Emergency telephone CHEMTREC International +1-703-527-3887
CHEMTREC USA: 1-800-424-9300

Emergency telephone - §45 - (EC)1272/2008

Europe 112

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

2.2. Label elements

Product identifier



Hazard statements

H332 - Harmful if inhaled
EUH210 - Safety data sheet available on request

2.3. Other hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Chemical Name	EC-No.	CAS-No.	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Camphor	200-945-0	76-22-2	100%	Acute Tox. 4 (H332)	

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move to fresh air.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Clean mouth with water and afterwards drink plenty of water.

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

Symptoms Asthma-like and/ or skin allergy-like symptoms.

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

Notes to Physician Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures appropriate to local circumstances and surrounding materials.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Ensure adequate ventilation.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent release to surface water.

6.3. Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE**7.1. Precautions for safe handling****Handling**

Ensure adequate ventilation.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities**Storage**

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)**Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Chemical Name	Eu	The United Kingdom	France	Spain	Germany
Camphor 76-22-2		STEL: 19 mg/m ³ STEL: 3 ppm TWA: 13 mg/m ³ TWA: 2 ppm	TWA: 2 ppm TWA: 12 mg/m ³	2 ppm TWA [VLA-ED]; 13 mg/m ³ TWA [VLA-ED] 3 ppm STEL [VLA-EC]; 19 mg/m ³ STEL [VLA-EC]	TWA: 2 ppm TWA: 13 mg/m ³ Ceiling / Peak: 4 ppm Ceiling / Peak: 26 mg/m ³
Component	Italy	Portugal	Netherlands	Finland	Denmark
Camphor 76-22-2 (100%)		STEL: 3 ppm TWA: 2 ppm		TWA: 0.3 ppm TWA: 1.9 mg/m ³ STEL: 0.9 ppm STEL: 5.7 mg/m ³	TWA: 12 mg/m ³ TWA: 2 ppm
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Camphor 76-22-2	MAK: 2 ppm MAK; 13 mg/m ³ MAK		NDSch: 18 mg/m ³ NDS: 12 mg/m ³	TWA: 12 mg/m ³ TWA: 2 ppm STEL: 18 mg/m ³ STEL: 4 ppm	TWA: 12 mg/m ³ TWA: 2 ppm STEL: 18 mg/m ³ STEL: 3 ppm

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection Tightly fitting safety goggles.
Skin and Body Protection Long sleeved clothing.

Environmental exposure controls .

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Physical State	Solid	Odor	Fragrant Penetrating
Appearance	White to almost white crystalline solid	Odor threshold	-
Color	-		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		-
Melting point/freezing point	180 356	-
Boiling point/boiling range	207 405	-
Flash Point	66 151	-
Evaporation Rate		-
Flammability (solid, gas)		-
Flammability Limits in Air		
Upper flammability limits		3.5%
Lower Flammability Limit		0.6%
Vapor pressure		-
Vapor Density		-
Specific Gravity	0.992 (Water = 1)	-
Water Solubility		-
Solubility in other solvents		-
Partition coefficient		-
Autoignition Temperature	467 873	-
Decomposition temperature		-
Kinematic viscosity		-
Dynamic viscosity		-

9.2. Other information**Section 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact	None identified.
Sensitivity to Static Discharge	None.

10.3. Possibility of hazardous reactions**Hazardous Reactions**

None under normal processing.

10.4. Conditions to avoid

Excessive heat, flames, and sparks.

10.5. Incompatible materials

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10.6. Hazardous decomposition products

None under normal conditions.

Section 11: TOXICOLOGY INFORMATION**11.1. Information on toxicological effects****Acute Toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	There is no data available for this product.
Eye contact	There is no data available for this product.
Skin contact	There is no data available for this product.
Ingestion	There is no data available for this product.

Unknown Acute Toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity.**Skin corrosion/irritation** .**Serious eye damage/eye irritation** .**Sensitization** .**Mutagenic Effects** No information available.**Carcinogenic effects** No information available.**Reproductive Toxicity** .**STOT - single exposure** .**STOT - repeated exposure** .**Aspiration hazard** .**Section 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

50 - 80% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

12.2. Persistence and degradability

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12.3. Bioaccumulative potential

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12.4. Mobility in soilMobility in soil
.12.5. Results of PBT and vPvB assessment12.6. Other adverse effects**Section 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated Packaging Empty remaining contents.

Section 14: TRANSPORT INFORMATIONIMDG / IMO

14.1 UN-No	UN2717
14.2 Proper Shipping Name	Camphor, Synthetic
14.3 Hazard Class	4.1
14.4 Packing Group	III

RID

14.1
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ADR

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ICAO

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14.4

IATA

14.1 UN-No	UN2717
14.2 Proper Shipping Name	CAMPHOR, synthetic
14.3 Hazard Class	4.1
14.4 Packing Group	III

Section 15: REGULATORY INFORMATION15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union**International Inventories**

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies

Legend

EINECS/ELINCS - EINECS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment**Section 16: OTHER INFORMATION****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under sections 2 and 3**

P264 - Wash thoroughly after handling

P262 - Do not get in eyes, on skin, or on clothing

P270 - Do not eat, drink or smoke when using this product

P273 - Avoid release to the environment

P281 - Use personal protective equipment as required

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

H302 - Harmful if swallowed

H335 - May cause respiratory irritation

Prepared by	Vianca Rivera
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Reason for Revision	Updated company LOGO and address.
Recommendations on Use	For Cosmetics and Personal Care Applications

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and EC No 1272/2008 (CLP)

End of Safety Data Sheet