

Safety Data Sheet

Infosafe No™ ACE59 Issue Date : September 2022 ISSUED by ACECHEM

Product Name **CAMPHOR**

Classified as hazardous

1. Identification

GHS Product Identifier CAMPHOR
Product Code C431644
Company Name ACE CHEMICAL COMPANY (ABN 35619819300)
Address 119A Mooringe Avenue Camden Park
SA 5038 AUSTRALIA
Telephone/Fax Number Tel: 08-8376 0844
Fax: 08-8295 8563
Emergency phone number 0438760844
E-mail Address acechem@bigpond.com

Recommended use of the chemical and restrictions on use Medicinal use.

Other Names	Name	Product Code
	CAMPHOR FLOWERS	
	DL-CAMPHOR SYNTHETIC	
	2-camphonone	
	gum camphor	
	laurel camphor	
	Camphor Powder BP/USP	

Other Information Ace Chemical Company has taken care in compiling this information. No liability is accepted wether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.

2. Hazard Identification

GHS classification of the substance/mixture Acute Toxicity - Inhalation: Category 4
Acute Toxicity - Oral: Category 4
Flammable Solids: Category 2
STOT Single Exposure: Category 2

Signal Word (s) WARNING

Hazard Statement (s) H228 Flammable solid.
H302 Harmful if swallowed.
H332 Harmful if inhaled.
H371 May cause damage to organs .

Pictogram (s) Flame, Exclamation mark, Health hazard



Precautionary statement – Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting//equipment.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or

Safety Data Sheet

Infosafe No™ ACE59 Issue Date : September 2022 ISSUED by ACECHEM

Product Name **CAMPHOR**

Classified as hazardous

doctor/physician.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P370+P378 In case of fire: Use for extinction.
P405 Store locked up.
P501 Dispose of contents/container to .

Precautionary statement – Storage

Precautionary statement – Disposal

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Camphor	76-22-2	100 %

4. First-aid measures

Inhalation Blow nose to remove irritant particles. If any discomfort persists seek medical attention.

Ingestion If poisoning occurs get to a doctor or hospital quickly. Avoid giving milk or oils. If swallowed, and if more than 15 minutes from a hospital, induce vomiting and seek immediate medical attention.

Skin If contact with the skin occurs immediately remove contaminated clothing and wash affected area with soap and water. Ensure contaminated clothing is washed before re-use. If condition persists seek immediate medical attention.

Eye contact Irrigate the affected eye(s) with cold running water for 15 minutes while seeking medical advice.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor 'Evacuate stomach with a stomach tube for ingested camphor' is the treatment suggested by N.Irving Sax in his book on Dangerous Properties of Industrial Materials.

5. Fire-fighting measures

Suitable extinguishing media Use foam, carbon dioxide or dry chemicals.

Specific Methods It is recommended that fire fighters wear self contained breathing apparatus and full protective clothing.

Specific hazards arising from the chemical Vapour is explosive when exposed to heat or flame or CrO3.

Hazchem Code 1[Z]

6. Accidental release measures

Spills & Disposal Evacuate all unnecessary personnel. Wear protective clothing as specified in the Personnel Protection section of this MSDS. Sweep up material and place into a suitable labelled container. Avoid the creation of dust. Mop up the remaining material and place into the same container. If large quantities of the material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. Handling and storage

Conditions for safe storage, including any incompatibilities Store in a well ventilated area away from heat and sources of ignition. Store away from incompatible materials such as materials that support combustion (oxidizing materials). Store in suitable, labelled containers. Use approved storage cabinets, tanks, rooms and buildings. Have appropriate fire extinguishers available in and near the storage area. This material is a Scheduled (S5) Poison and must be stored, handled and used according to appropriate regulations.

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL	TWA
------------------------------------	------	------	-----

Safety Data Sheet

Infosafe No™ ACE59 Issue Date : September 2022 ISSUED by ACECHEM

Product Name **CAMPHOR**

Classified as hazardous

	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	<u>Footnote</u>
Other Exposure Information	Camphor	19	3	12	2
Personal Protective Equipment	TLV/TWA: 2 ppm; 12 mg/m3 - STEL: 3ppm; 18 mg/m3; Worksafe Australia. Respiratory: Where ventilation is inadequate, a P1 half facepiece respirator with replacable filter or disposable facepiece as specified by AS/NZS 1715 and 1716 is recommended. Eyes: Suitable chemical glasses. Hands: Nitrile rubber, neox or neoprene gloves. Other: Impervious overalls may be required.				

9. Physical and chemical properties

Appearance	White transparent crystalline mass with a penetrating pungent odour.
Melting Point	174-179°C
Boiling Point	204°C
Solubility in Water	1 g soluble in 800 g of water at 25°C
Specific Gravity	0.992
Vapour Pressure	Not available
Vapour Density (Air=1)	5.25
Volatile Component	99.95%
Flash Point	65°C
Flammability	Will burn or char if involved in a fire. Explosion hazard in the form of the vapour when exposed to heat or flame or oxidizing materials such as chromium trioxide.
Auto-Ignition Temperature	466 deg C
Flammable Limits - Lower	Not available
Explosion Properties	lel= 0.6% uel=3.5%
Molecular Weight	152.24

10. Stability and reactivity

Hazardous Decomposition Products	Oxides of carbon (CO and CO2).
---	--------------------------------

11. Toxicological Information

Ingestion	Harmful if swallowed. When swallowed it can cause nausea, vomiting, dizziness, excitation, convulsions, coma, respiratory failure and possibly death.
Inhalation	Not a likely source of exposure, however, may be harmful if inhaled.
Skin	Harmful in contact with the skin. Camphor is rapidly and readily absorbed through the skin with resultant harmful effects.
Eye	Contact with the eyes may cause irritation, resulting in lachrymation and redness.
Chronic Effects	Prolonged or repeated skin contact may lead to skin contact dermatitis.

12. Ecological information

13. Disposal considerations

Waste Disposal	Dispose of in accordance with federal, local or state regulations.
-----------------------	--

14. Transport information

Safety Data Sheet

Infosafe No™ ACE59 Issue Date : September 2022 ISSUED by ACECHEM

Product Name **CAMPHOR**

Classified as hazardous

Transport Information This material is a Class 4.1 Flammable Solid according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 4.1 - Flammable Solids shall not be loaded in the same vehicle or packed in the same freight container with: Class 1 - Explosives, Class 2.1 - Flammable Gases, Class 4.2 - Spontaneously Combustible Substances, Class 5.1 - Oxidizing Agents, Class 5.2 - Organic Peroxides, Class 7 - Radioactive Substances.

U.N. Number 2717

UN proper shipping name CAMPHOR

Transport hazard class(es) 4.1

Hazchem Code 1[Z]

Packing Group III

EPG Number 4A1

IERG Number 20

15. Regulatory information

Poisons Schedule S5

16. Other Information

Contact Person/Point Ace Chemical Company
119A Mooringe Avenue
Camden Park S.A. 5038
Tel: 08-8376 0844 Fax: 08-8295 8563
or Poisons Information Centre
Tel: 13 11 26
Disclaimer:
Ace Chemical Company has taken care in compiling this information. No liability is accepted wether direct or indirect from its application since the conditions of final use are outside Ace Chemical Companies control.

Empirical Formula & Structural Formula C.10 H.16 O

Technical Data Other CAS No(s) 21368-68-3
...End Of MSDS...

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.