

Section 1. Product and Company Identification

Product Name Ginger Oleoresin
CAS Number 8007-08-7

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER
CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Flam. Liq. 4 H227 Combustible liquid.

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

GHS Label Elements

Pictograms:



Signal word: DANGER

Hazard and precautionary statements

Hazard statements

H227 Combustible liquid.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P210 Keep away from flames and hot surfaces. - No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P301+P310 If swallowed: Immediately call a poison center/doctor.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

NFPA Rating

Health: 0

Flammability: 2

Reactivity: 0

HMIS Rating

Health: 0

Flammability: 2

Reactivity: 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3. Composition / Information on Ingredients

Common Name	Ginger Oleoresin
Synonym(s)	Ginger Oil
CAS Number	8007-08-7

Section 4. First Aid Measures

Description of first-aid measures

Inhalation: Supply fresh air and be sure to call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

Skin contact: Immediately wash with water and soap and rinse thoroughly.

Eye contact: Rinse opened eye for several minutes under running water.

Ingestion: If symptoms persist consult doctor.

Information for doctor

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing agents: CO₂ or extinguishing powder. Fight larger fires with alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

Additional information: Cool endangered receptacles with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Not required.

Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7. Handling and Storage

Handling

Precautions for safe handling: No special precautions are necessary if used correctly.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None

Section 8. Exposure Controls / Personal Protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as a basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Breathing equipment: Not required.

Protection of hands: Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material should be based on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material: The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye Protection: Goggles recommended during refilling.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Liquid

Color: Pale yellow to amber

Odor: Aromatic

Odor Threshold: Not determined.

pH Value: Not determined.

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 254°C (489°F)

Flash point: 66°C (151°F)

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not determined

Decomposition temperature: Not determined.

Auto igniting: Not determined.

Danger of explosion: Not determined.

Explosion limits

Lower: Not determined.

Upper: Not determined.

Vapor pressure: Not determined.

Density at 20°C (68°F): 0.88 g/cm³ (7.344 lbs/gal)

Relative density: Not determined.

Vapor density: Not determined.

Evaporation rate: Not determined.

Solubility in/Miscibility with Water: Partly soluble.

Partition coefficient (n-octanol/water): Not determined.

Viscosity

Dynamic: Not determined.

Kinematic: Not determined.

Organic solvents: 0.0 %

Other information: No further relevant information available.

Section 10. Stability and Reactivity

Reactivity

Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity

Primary irritant effect

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: Sensitization possible through skin contact.

Carcinogenic Categories

IARC (International Agency for Research on Cancer): Substance is not listed.

NTP (National Toxicology Program): Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration): Substance is not listed.

Section 12. Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Ecotoxicological effects: Toxic for fish

Additional ecological information

General notes: Generally not hazardous for water. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

UN Number

DOT, ADR, IMDG, IATA UN3082

UN Proper Shipping Name

DOT: Environmentally Hazardous Substances, Liquid, N.O.S. (Ginger Oil)

ADR: Environmentally Hazardous Substances, Liquid, N.O.S. (Ginger Oil)

IMDG: Environmentally Hazardous Substance, Liquid, N.O.S. (Ginger Oil), Marine Pollutant

IATA: Environmentally Hazardous Substance, Liquid, N.O.S. (Ginger Oil)

Transport Hazard Class(es)

DOT ADR, IMDG, IATA 9 Miscellaneous dangerous substances and articles

Packing group

DOT, ADR, IMDG, IATA III

Environmental hazards

Marine pollutant: Yes - Symbol (fish and tree)

Special marking (ADR): Symbol (fish and tree)

Special marking (IATA): Symbol (fish and tree)

Special precautions for user Warning: Miscellaneous dangerous substances and articles

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

Transport/Additional information

DOT

Quantity limitations

On passenger aircraft/rail: No limit

On cargo aircraft only: No limit

ADR

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN3082, Environmentally hazardous substances, liquid, n.o.s. (Ginger Oil), 9, III

Section 15. Regulatory Information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

SARA

Section 355 (extremely hazardous substances): Substance is not listed

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): Substance is listed.

Proposition 65

Chemicals known to cause cancer: Substance is not listed.

WARNING! This product contains a chemical known to the State of California to cause cancer:
Acetaldehyde (CAS# 75-07-0)

Chemicals known to cause reproductive toxicity for females: Substance is not listed.

Chemicals known to cause reproductive toxicity for males: Substance is not listed.

Chemicals known to cause developmental toxicity: Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency): Substance is not listed.

TLV (Threshold Limit Value established by ACGIH): Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): Substance is not listed.

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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