

Section 1: Identification

Product Name Menthol USP (L) NATURAL CRYSTALS
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 30-1138

Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2A H319 Causes serious eye irritation.

CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Causes skin irritation. Causes serious eye irritation

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	P264 Wash thoroughly after handling. P280 Wear protective gloves / eye protection / face protection.
Response	P302+P352 If on skin: Wash with plenty of water. P321 Specific treatment (see on this label). P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P337+P313 If eye irritation persists: Get medical advice/attention.
Storage	Not available
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Menthol. L
% By Weight 100
CAS# 2216-51-5
Molecular Weight 156.3 g/mole
Chemical Formula C₁₀H₂₀O
Synonym(s) (1alpha,2beta,5alpha)-5-Methyl-2-(-methylethyl)cyclohexanol

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Menthol, L	2216-51-5	100	Not available.	ORAL (LD50):Acute: 3300mg/kg [Rat].3400 mg/kg[Mouse]. 800mg/kg [Cat].DERMAL (LD50):Acute: 5001mg/kg [Rabbit].

Section 4: First-Aid Measures

Inhalation	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.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Not available.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear respirator, gloves and eye protection. Avoid inhalation and contact with skin and eyes. Environmental precautions: Do not allow to enter sewers/ surface or ground water. Methods and material for containment and cleaning up: Pick up mechanicall

Section 7: Handling and Storage

Precautions for safe handling: Wear gloves and eye protection. Avoid inhalation and contact with skin and eyes. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use. Requirements to be met by storerooms and receptacles: It is recommended that this material be stored in a cool, dry, well ventilated area, in tightly sealed, full containers.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	WEEL Short-term value: 19.2* mg/m ³ , 3* ppm Long-term value: 6.4* mg/m ³ , 1* ppm *OARS WEEL
Engineering Controls	Not available.
Personal Protection	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. Avoid contact with the skin. Avoid contact with the eyes and skin. · 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. election of the glove material 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed. · Eye protection: Not required.

Section 9: Physical and Chemical Properties

Appearance	Solid.		
Odor	Characteristic		
Odor Threshold	Not available		
Melting Point	43-45 °C (109.4-113 °F)	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	212°C (414°F)	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	94 °C (201.2 °F)	Autoignition temperature	Not available.
Flammability	Not flammable	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Water at 20 °C (68 °F): 0.397 g/l		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Not available.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available.
Incompatible Materials	Not available.
Hazardous Decomposition Products	None known

Section 11: Toxicological Information**RTECS** OT0350000**Acute Toxicity**

Oral LD50 2,615 mg/kg (Rat) Dermal LD50 >5,000 mg/kg (Rabbit) LC50 15.6 mg/l (Fish)

Skin Corrosion/Irritation

Irritant to skin and mucous membranes.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

No sensitizing effects known

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive Toxicity

Not available

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available

Potential Health Effects

Not available

Target Organ(s)

Not available

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Water hazard class 1 (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Section 13: Disposal Considerations**Waste Disposal**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system

Disposal of Container

Disposal must be made according to official regulations.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

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): ACTIVE · Hazardous Air Pollutants Substance is not listed. · Proposition 65 · Chemicals known to cause cancer: Substance is not listed. · 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. · International Chemical Inventories · DSL Canadian Domestic Substances List Substance is listed. · Australian Inventory of Chemical Substances Substance is listed.

Other

Not available.

Section 16: Other Information

Not available.