

1. PRODUCT INFORMATION

Product Name : Geogard ECT
INCI : Benzyl Alcohol & Salicylic Acid & Glycerin & Sorbic Acid
Recommended Use : Preservative
Supplier : Windy Point Soap Making Supplies Inc.
Address : 14, 6125-12th Street SE, Calgary, AB T2H 2K1
Telephone : 587-318-6678
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) Category 4

Acute toxicity (Inhalation) Category 4

Eye irritation Category 2A

GHS Label Element



Signal Word

Warning.

Hazard Statements

H302 + H332 Harmful if swallowed or if inhaled

H319 Causes serious eye irritation.

Precautionary Statements

Prevention

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash 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 eye protection/ face protection.

Response

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage

P402 + P404 Store in a dry place. Store in a closed container.

P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

Other Hazards

None known.

3. COMPOSITION / INFORMATION INGREDIENTS

Hazardous components

Chemical Name	CAS Number	Concentration (%)
Benzyl Alcohol	100-51-6	
Salicylic Acid	69-72-7	
Glycerin	56-81-5	
Sorbic acid	110-44-1	

4. FIRST AID MEASURES

Eye contact

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.

Skin contact

IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops.

Inhalation

IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.

Ingestion

IF SWALLOWED: CALL A POISON CONTROL CENTER or physician if you feel unwell. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

5. FIRE FIGHTING MEASURES

Flammability Summary (OSHA)

Combustible above 93 deg. C / 200 deg. F.

Flash Point

132 °C / 269 °F

Autoignition Temperature

No data.

Fire / Explosion Hazards

Material may be ignited only if preheated to high temperatures, for example in a fire.

Extinguishing Media

Use alcohol foam, carbon dioxide, dry chemical or water spray when fighting fires. Water or foam may cause frothing if liquid solvent or oil is burning but it still may be a useful extinguishing agent if carefully applied to the fire.

Fire Fighting Instructions

In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus. Use water to cool containers.

Hazardous Combustion Products

Carbon monoxide, Carbon dioxide, Hydrogen chloride, Toxic gases

Upper Flammable / Explosive Limit, % in air

No data.

Lower Flammable / Explosive Limit, % in air

No data.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection for Emergency Situations

Use the personal protective equipment recommended in Section 8 and a NIOSH approved self-contained breathing apparatus.

Spill Mitigation Procedures

Air Release

Hazardous concentrations in air may be found in local spill area and immediately downwind. Vapors may be suppressed using water fog.

Water Release

This material is slightly soluble in water. Notify all downstream users of possible contamination. Divert water flow around spill if possible and safe to do so. Contain all liquids for treatment or disposal.

Land Release

Create a dike or trench to contain materials. Absorb spill with inert material (e.g., dry sand, clay, earth or commercial absorbent), then place in a chemical waste container. Do not place spill materials back in their original containers. Contain all liquids for treatment or disposal.

Additional Spill Information

Remove all sources of ignition. Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residues per guidelines under Section 13, Disposal Consideration.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash off with water. Do not eat or drink when handling.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry place. Isolate from incompatible materials. Store in tightly closed container. Do not freeze.

Shelf life limitations

Shelf Life is 1 year from date of manufacture (located on the C of A) in an unopened container. Once material is opened, material should be tested to confirm in spec.

Incompatible materials for storage

Refer to Section 10, "Incompatible Materials."

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation

Use local exhaust ventilation to maintain levels below exposure limits.

Protective equipment for routine use of product

Respiratory protection

Wear a NIOSH approved respirator if levels above the exposure limits are possible.

Respirator type

A NIOSH approved full-face air purifying respirator with organic vapor / P100 cartridge. Air purifying respirator should not be used in oxygen deficient or IDLH atmospheres or if exposure concentrations exceed ten (10) times the published limit.

Skin protection

Impervious

Eye protection

Use chemical goggles. An eye wash and safety shower should be provided in the immediate work area.

Protective clothing type

Impervious

Components with workplace control parameters

Components (CAS No.)	Value	Control parameters	Basis (Update)
Benzyl Alcohol (100-51-6)	TWA	10 ppm 44.20 mg/m ³	WEEL (2012)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Form	: Clear, liquid
Colour	: Colourless to straw coloured
Odour	: No data available
Molecular weight	: Not applicable
pH	: Not applicable
Boiling point/boiling range	: No data available
Density	: No data available
Vapour pressure	: Not applicable
Vapour density	: Not applicable
Viscosity	: No data available
Fat solubility	: No data available
Solubility(ies) Water solubility	: Slightly soluble
Partition coefficient: noctanol/water	: No data available
Evaporation rate	: No data available
Oxidizing properties	: No data available
Volatiles, % by vol.	: Not volatile
VOC content	: No data available
HAP content	: 0.00 wt%wt / 0.00 lb/gal

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions. Not sensitive to mechanical shock. Not sensitive to static discharge. Product will not undergo hazardous polymerization.

Chemical incompatibilities

Strong oxidizing agents, strong acids, strong alkalies, acid Anhydrides

Conditions to avoid

Sparks, open flame, other ignition sources, and elevated temperatures., Avoid freezing.

Hazardous decomposition products

Carbon monoxide, Carbon dioxide, Hydrogen chloride, Toxic gases.

Decomposition temperature

No data.

11. TOXICOLOGICAL INFORMATION

Component animal toxicity

Oral LD50 value

Benzyl Alcohol	1,230.0 mg/kg
Salicylic Acid	LD50 = 891 mg/kg Rat
Glycerin	LD50 12,600 mg/kg Rat
Sorbic Acid	LD50 Literary reference > 2,000 mg/kg Rat

Component animal toxicity

Dermal LD50 value

Salicylic Acid	LD50 > 10,000 mg/kg Rabbit
Glycerin	LD50 > 10,000 mg/kg Rabbit

Component animal toxicity

Inhalation LC50 value

Salicylic Acid	Inhalation LC50 1 h > 0.9 mg/l Rat
Glycerin	Inhalation LC50 1 h > 570 mg/m ³ Rat

Product animal toxicity

Oral LD50 value

LD50 Believed to be approximately 1,500 mg/kg Rat

Dermal LD50 value

LD50 Believed to be > 2,000 mg/kg Rabbit

Inhalation LC50 value

No data

Skin irritation

May cause mild skin irritation.

Eye irritation

This material is expected to be moderately irritating.

Skin sensitization

Not expected to be a skin sensitizer.

Sub chronic/chronic toxicity

Not known or reported to cause sub chronic or chronic toxicity.

Reproductive and developmental toxicity

Animal studies indicate that a component of this product might have the potential to cause reproductive effects in humans. However, there is no evidence that the substance is a human reproductive hazard.

Glycerine This product has been tested and was shown not to produce any adverse effects on reproductive function to fetal development when administered to laboratory animals.

Mutagenicity

Not known or reported to be mutagenic.

Glycerine This material has been shown to be non-mutagenic in most of a battery of assays. Not expected to be a mutagenic hazard.

Carcinogenicity

This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.

Glycerine This material did not cause cancer in long-term animal studies.

12. ECOLOGICAL INFORMATION

Overview

No data for product. Individual constituents are as follows:

Ecological toxicity values for Glycerin

Rainbow trout (*Salmo gairdneri*), (nominal, static). 96 h LC50 54,000 mg/l

Daphnia magna, (nominal, static). 24 h LC50 > 10,000 mg/l

13. DISPOSAL CONSIDERATION

Waste disposal summary

Spent or discarded material is not expected to be a hazardous waste.

Disposal methods

As a nonhazardous waste, it should be disposed of in accordance with local, state and federal regulations.

Potential US ESA waste codes

Not applicable.

14. TRANSPORT INFORMATION

DOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG-CODE

Not dangerous goods

15. REGULATORY INFORMATION

US State Regulations

The components of this product are reported in the following inventories:

TSCA

Components are for use only in formulating cosmetic products and thus, are exempt from TSCA regulations

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

16. OTHER INFORMATION

Disclaimer & Caution

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