

1. PRODUCT INFORMATION

Product name : Polysorbate 20
INCI : Polysorbate 20
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

Emergency Overview

GHS Classification

Not classified as dangerous goods.

GHS Label elements, including precautionary statements

Signal: Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS #	EC NO	Concentration
Monododecanoate sorbitan	9005-64-5	-	100%

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, water jet, foam, dry powder or carbon dioxide.

Special hazards arising from the substance or mixture

Hazardous decomposition products may be formed at extreme heat or if burned. Calcium oxide, hydrocarbons

Advice for firefighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye protection

Wear safety glasses with side shields (or goggles).

Skin protection

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: pale yellow to yellow viscous liquid.
Odour	: Mild odour.
pH	: 5.0 - 7.0
Melting Point/Freezing Point	: 53 – 63 °C (MP).
Flash point	: > 180 °C.
Initial b.p and boiling range	: > 200 °C.

Vapour pressure : Greater than 1.3 hPa @ 25°C.

Relative density : 0.9 g/cm³ @20°C.

Solubility : Soluble in water.

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other sources of ignition.

Incompatible materials

Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD50: Greater than 5,000 mg/kg body weight [Rat].

Dermal LD50: Greater than 3,000 mg/kg body weight [Rabbit].

Inhalation

May result in irritation of nose, throat or respiratory track. Avoid inhalation.

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability

Readily degradable. 70% in 28 days.

Bio accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

DSL / NDSL

Listed.

16. OTHER INFORMATION

DISCLAIMER AND CAUTION

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