

MSDS

SECTION 1.

Product name	Polysorbate 80 (TWEEN 80)
INCI name	Polyoxyethylene (80) sorbitan monooleate
CAS #	9005-65-6
Country of Origin	USA
EINECS #	N/A
Product use	Surfactant, Emulsifier, Cosmetic and Industrial
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada
Telephone number	905-455-4444
Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2.

Emergency Overview

GHS Classification

Not classified as dangerous goods as per OSHA.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)



IRRITANT

Precautionary statement(s)

Not applicable.

GHS Label elements, including precautionary statements

SECTION 3.

Product Name	CAS No	EC	Percentage
Polysorbate 80	9005-65-6	-	100%

SECTION 4.

FIRST-AID MEASURES INHALATION EXPOSURE:

Normal inhalation is unlikely to produce adverse reactions. Use in well ventilated areas. In the event of adverse reactions. Remove to fresh air. Give oxygen and call a physician.

EYE CONTACT: Flush with water for 15 min without making eyes sore. Unsweetened Milk may help flush oil from eyes. Seek medical help if necessary.

SKIN CONTACT: Wash area with undiluted dishwashing liquid and flush with copious amounts of water. Seek medical help if necessary.

INGESTION: Flush from mouth with water or unsweetened milk. Administer water and call a physician or poison control center immediately. Do not induce vomiting.

SECTION 5.

FIRE FIGHTING MEASURES

Suitable extinguishing media

Carbon Dioxide, powder or water spray.

Special protective equipment and precautions for fire-fighters

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

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

SECTION 6.

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Standard absorbents can be used.

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 7.

HANDLING AND STORAGE HANDLING

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

STORAGE Store in a cool, well-ventilated area.

FIRE PROTECTION Keep away from ignition sources and naked flame.

SECTION 8.

EXPOSURE CONTROLS

PERSONAL PROTECTION RESPIRATORY PROTECTION: Usually not required

VENTILATION: Mechanical (general)

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Splash-proof safety glasses.

OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

SECTION 9.

Appearance: Pale yellow to yellow viscous liquid

Odor: Nearly Odourless.

pH: 6

Density: 1.102 g/mL, oily liquid

Boiling point: > 100°C

Flash point: 113 °C (235 °F; 386 K)

Solubility: Soluble in water 100 mL/L, Solubility in other solvents, soluble in ethanol, cottonseed oil, corn oil, ethyl acetate, methanol, toluene.

Viscosity: 300–500 centistokes (@25°C).

SECTION 10.

STABILITY AND REACTIVITY INCOMPATIBILITIES CONDITIONS TO AVOID: No materials present special reactivity hazards.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS COMBUSTION PRODUCTS CO, CO₂, water

SECTION 11.

TOXICOLOGICAL INFORMATION ACUTE EFFECTS Most likely route of entry is through the skin. Full strength may be irritating to skin, mucous membranes and eyes.

THRESHOLD LIMIT VALUE (TLV): Not established OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA? NO

SECTION 12.

ECOLOGICAL INFORMATION GENERAL

Prevent contamination of soil, ground- and surface water.

SECTION 13.

DISPOSAL CONSIDERATION WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 14.

TRANSPORT INFORMATION Class Pack Group Sub. Risk UN No. IMDG Page Road(U.S.-DOT): UN 1169.

Air (IATA): not regulated. Sea (IMDG): not regulated.

SECTION 15.

REGULATORY INFORMATION EUROPEAN INFORMATION There were no toxicological studies in the published literature to assign risk and safety phrases.

REVIEWS, STANDARDS, AND REGULATIONS EPA TSCA SECTION 8(B) CHEMICAL INVENTORY LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA? NO

SECTION 16.

OTHER INFORMATION N/A

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Email: info@botanicplanet.ca www.botanicplanet.ca

COA

Product: Polysorbate 80

Botanical Name/INCI: Polyoxyethylene (80) sorbitan monooleate

Lot No: BPCP80042023

Best Before: April, 2027

Origin: USA

PERAMETERS	SPECIFICATIONS	ANALYSIS
Appearance	Yellow To Amber Liquid	Complies
Color in Gardner	6 G Max	Complies
Acid Value	2 Maxx	Complies
Saponification Value	44-55	Complies
Hydroxyl Value	65-80	Complies
pH	6.0 – 8.0	Complies
Moisture Content	3.0% Max	Complies

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