

MSDS

SECTION 1.

Product name	Polysorbate 20
INCI name	Polyoxyethylene 20 sorbitan monolaurate, Monododecanoate sorbitan
CAS #	9005-64-5
Country of Origin	USA
EINECS #	N/A
Product use	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)

Not applicable.

Precautionary statement(s)

Not applicable.

GHS Label elements, including precautionary statements

SECTION 3.

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

Flash point: >149°C

Relative density: -1.1 g/cm³

Solubility: Soluble in water and alcohol. Insoluble in oil.

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

This product is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to botanic Planet. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

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

COA

Product: Polysorbate 20

Botanical Name/INCI: Polyoxyethylene 20 sorbitan monolaurate, Monododecanoate sorbitan

Lot No: BPCP20082023

Best Before: August, 2027

Origin: USA

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
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Appearance:	Yellow viscous oily liquid.	Complies
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Odor:	Characteristic mild odor.	Complies
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Solubility:	Soluble in water.	Complies
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Acid Value:	0.00 - 2.2 mg KOH/g	0.7
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1,4-Dioxane Content:	0.0 - 0.9 ppm	0.0
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Ethylene Oxide:	0.0 - 1 ppm	0.0
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Saponification Value:	40 - 50 mg KOH/g	45
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Water Content:	0.0 - 3.0 %	2.7
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Hydroxyl Value:	96.00 - 108.00 mg KOH/g	98
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