

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**
**PRODUCT IDENTIFIER**

Product Name	Polysorbate 20
Other Names	Polysceptroside
Recommended Use	For industry use only.
CAS Number	9005-64-5

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

**EMERGENCY TELEPHONE NUMBER**

Association / Organisation	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

**SECTION 2 HAZARDS IDENTIFICATION**

GHS 7.0 / HSNO Hazard Classification	Not classified
HSNO Approval Number	nil
Hazard Nature	This product is not classified under HSNO criteria
Pictogram(s)	nil
Signal Word	No signal word
Hazard Statement(s)	nil
Prevention Statements(s)	nil
Response Statement(s)	nil
Storage Statement(s)	nil
Disposal Statement(s)	nil

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

CAS No.	% [weight/volume]	Chemical name
9005-64-5	100 %	Polysorbate 20

**SECTION 4 FIRST AID MEASURES**

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin contact	Wash off with soap and plenty of water. Consult a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**SECTION 5 FIREFIGHTING MEASURES**

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazards from combustion products	No data available
Precautions for fire fighters and special protective equipment	Wear self-contained breathing apparatus for firefighting if necessary.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**SECTION 7 HANDLING AND STORAGE**

Precautions for safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.
Conditions for safe storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control parameters	
Occupational Exposure limit values	No data available
Biological limit values	No data available
Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Individual protection measures, such as personal protective equipment (PPE)	
Eye/face protection	Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Respiratory protection	Wear dust mask when handling large quantities.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	pale yellow oily liquid	Density and/or relative density	1.095g/m @ 25°C(lit.)
Melting point/ freezing point	97°C(lit.)	Flash point	>110°C
Boiling point or initial boiling point and boiling range	157°C/18mmHg(lit.)		

**SECTION 10 STABILITY AND REACTIVITY**

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	No data available

**SECTION 11 TOXICOLOGICAL INFORMATION**

## Acute Effects

Inhaled	No data available
Ingestion	No data available
Skin contact	No data available
Eye	No data available
Chronic	No data available

**SECTION 12 ECOLOGICAL INFORMATION**

Toxicity	Toxicity to fish: no data available Toxicity to daphnia and other aquatic invertebrates: no data available Toxicity to algae: no data available Toxicity to microorganisms: no data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

**SECTION 13 DISPOSAL CONSIDERATION**

Product	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
Contaminated packaging	Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

**SECTION 14 TRANSPORT INFORMATION**

Transport	Road & Rail	Marine	Air
UN number	Not dangerous goods.	Not dangerous goods.	Not dangerous goods.
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil
Environmental hazards	Nil	Nil	Nil
Special precautions for user	Nil	Nil	Nil

This product is not classified for transport.

**SECTION 15 REGULATORY INFORMATION**

Nil

**SECTION 16 OTHER INFORMATION**

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

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