

PROTECTANT - RTU

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Section 1: IDENTIFICATION

Product Name:	Interchem Protectant
Additional Names:	Interchem Protectant [Ready-To-Use]
Manufacturer's Product code	IP32OZ
Recommended Use:	Silicone Emulsion
Restrictions on Use:	Do not use on Genuine Leather.
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Section 2: HAZARDS IDENTIFICATION

Hazard classification

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage - Category 1 Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Label elements
Hazard pictograms



Signal word	Warning
Hazard Statements	Causes serious eye irritation.

Precautionary Statements

Prevention	Avoid breathing spray. Use only outdoors or in a well-ventilated area. Wear eye protection and/or face protection.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER and/or doctor.
Other hazards	No data available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature: Silicone emulsion

This product is a mixture.

COMPONENT	CASRN	Concentration
Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy	160875-66-1	>= 3.0 - <= 4.0 %

Section 4: FIRST-AID MEASURES

Description of first aid measures

General advice:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air and keep comfortable for breathing; consult a physician.

Skin contact: Wash off with plenty of water. Suitable emergency safety shower facility should be available in work area.

Eye contact: Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Ingestion: Rinse mouth with water. No emergency medical treatment necessary.

Most important symptoms and effects, both acute and delayed:

Causes serious eye damage.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Water spray.
Unsuitable extinguishing media: None known..

Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon oxides. Silicon oxides.
Unusual Fire and Explosion Hazards: Exposure to combustion products may be a hazard to health..

Advice for firefighters

Fire Fighting Procedures: Use water spray to cool unopened containers.. Evacuate area.. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage.. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Remove undamaged containers from fire area if it is safe to do so.

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.. Use personal protective equipment..

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Do not release the product to the aquatic environment above defined regulatory levels. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. See sections: 7, 8, 11, 12 and 13.

Section 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid inhalation of vapour or mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Keep container tightly closed. Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Since emptied containers retain product residue follow all (M)SDS and label warnings even after container is emptied.

Use only with adequate ventilation. See Engineering measures under EXPOSURE

CONTROLS/PERSONAL PROTECTION section.

Conditions for safe storage: Keep in properly labelled containers. Keep tightly closed. Store in accordance with the national regulations.

Do not store with the following product types: Strong oxidizing agents.

Unsuitable materials for containers: None known.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Exposure controls

Engineering controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Use chemical goggles.

Skin protection

Hand protection: Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). Avoid gloves made of: Polyvinyl alcohol ("PVA"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Other protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator.

The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid
Physical state	white
Color	odourless
Odor	No data available
Odor Threshold	7
pH	No data available
Melting point/range	No data available
Freezing point	65 °C (> 149 °F)
Boiling point (760 mmHg) Flash point	closed cup >100 °C (212 °F)
Evaporation Rate (Butyl Acetate = 1)	No data available
Flammability (solid, gas)	Not applicable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor Pressure	No data available
Relative Vapor Density (air = 1)	No data available
Relative Density (water = 1)	1
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic Viscosity	1000 mm ² /s at 25 °C (77 °F)
Explosive properties	Not explosive
Oxidizing properties	The substance or mixture is not classified
Molecular weight	as oxidizing. No data available
Particle size	Not applicable

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Section 10: STABILITY AND REACTIVITY

Reactivity: Not classified as a reactivity hazard.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Can react with strong oxidizing agents. When heated to temperatures above 150 °C (300 °F) in the presence of air, product can form formaldehyde vapours. Safe handling conditions may be maintained by keeping vapour concentrations within the occupational exposure limit for formaldehyde.

Conditions to avoid: None known.

Incompatible materials: Avoid contact with oxidizing materials.

Hazardous decomposition products:

Decomposition products can include and are not limited to: Formaldehyde.

Section 11: TOXICOLOGICAL INFORMATION

Toxicological information appears in this section when such data are available.

Information on likely routes of exposure: Inhalation, Eye contact, Skin contact, Ingestion.

Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)

Acute Toxicity Endpoints: Not classified due to lack of data.

Acute oral toxicity

Information for the Product:

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s): LD50, > 5,000 mg/kg Estimated.

Information for components:

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

Single dose oral LD50 has not been determined.

For similar material(s): LD50, Rat, male and female, > 300 - < 2,000 mg/kg
OECD Test Guideline 423

Acute dermal toxicity

Information for the Product:

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s): LD50, > 2,000 mg/kg Estimated.

Information for components:

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

The dermal LD50 has not been determined.

Skin corrosion/irritation:

Information for the Product:

Not classified due to lack of data

Based on information for component(s):

Brief contact may cause slight skin irritation with local redness.

Information for components:

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

For similar material(s):

Brief contact may cause slight skin irritation with local redness.

Serious eye damage/eye irritation:

Information for the Product:

Causes serious eye damage.

Based on information for component(s):

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

Information for components:

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

For similar material(s):

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

Sensitization

For skin sensitization:

Not classified due to lack of data.

For respiratory sensitization:

Not classified due to lack of data.

Information for the Product:

For skin sensitization:

Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

For respiratory sensitization:

No relevant data found.

Information for components:

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

For skin sensitization: No relevant data found.

For respiratory sensitization: No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure):	Not classified due to lack of data.
Information for the Product:	Product test data not available.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> Available data are inadequate to determine single exposure specific target organ toxicity.
Aspiration Hazard:	Not classified due to lack of data
Information for the Product:	Based on physical properties, not likely to be an aspiration hazard.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> Based on physical properties, not likely to be an aspiration hazard.
Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)	
Specific Target Organ Systemic Toxicity (Repeated Exposure):	Not classified due to lack of data.
Information for the Product:	Product test data not available.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> No relevant data found.
Carcinogenicity:	Not classified due to lack of data.
Information for the Product:	Product test data not available.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> No relevant data found.
Teratogenicity:	Not classified due to lack of data.
Information for the Product:	Product test data not available.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> No relevant data found.
Reproductive toxicity:	Not classified due to lack of data.
Information for the Product:	Product test data not available.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> No relevant data found.
Mutagenicity:	Not classified due to lack of data.
Information for the Product:	Product test data not available.
Information for components:	<u>Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy</u> No relevant data found.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data are available.

Toxicity

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

Acute toxicity to aquatic invertebrates

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

For similar material(s): EC50, Daphnia magna (Water flea), 48 Hour, > 10 - 100 mg/L, OECD Test Guideline 202

Acute toxicity to algae/aquatic plants

For similar material(s): EC50, Algae (Scenedesmus subspicatus), 72 Hour, > 10 - 100 mg/L

Chronic toxicity to fish

For similar material(s): NOEC, Fish, > 1 mg/L

Persistence and degradability

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

Biodegradability: Material is expected to be readily biodegradable.

For similar material(s):

Biodegradation: > 60 %

Exposure time: 28 d

Method: OECD Test Guideline 301B

Bioaccumulative potential

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

Bioaccumulation: Bioaccumulation is unlikely. No relevant data found.

Mobility in soil

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

No relevant data found.

Section 13: DISPOSAL INFORMATION

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. **AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL.** THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION 1: Identified Uses. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section 10 Regulatory Information, SDS Section 15

Treatment and disposal methods of used packaging: Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility of the waste generator. Do not re-use containers for any purpose.

Section 14: TRANSPORT INFORMATION

DOT

Not regulated for

Classification for SEA transport (IMO-IMDG):

Not regulated for transport

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Serious eye damage or eye irritation

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania Right To Know

The following chemicals are listed because of the additional requirements of Pennsylvania law:

Components

Siloxanes and silicones, dimethyl

Water

Poly(oxy-1,2-ethanediyl),alpha-(2-propylheptyl)-omega hydroxy

CASRN

63148-62-9

7732-18-5

160875-66-1

California Prop. 65

WARNING: This product can expose you to chemicals including Ethylene Oxide, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16: OTHER INFORMATION

Hazard Rating System NFPA

NFPA

HEALTH	FLAMMABILITY	INSTABILITY
3	1	0

HMIS

HEALTH	FLAMMABILITY	INSTABILITY
3/	1	0

This information contained in this SDS is believed to be accurate as of the version date but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Interchem Limited, it is the user's obligation to determine the conditions of safe use.