

PRECISION SURFACES INTERNATIONAL, INC.

922 Ashland Houston, TX 77008-6734

713-426-2220 Fax: 713-426-2223

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Diamond Extender, Oil Soluble; OS Thinner
Product Identifier: PSI-543-1
PSI-543-4
Supplier: Precision Surfaces International, Inc.
922 Ashland, Houston, TX 77008-6734
Emergency Telephone: Infotrac 800-535-5053
Recommended Use: Thinner/Lubricant **Restrictions on use:** This material should not be used for any other purpose than the identified uses without expert advice. Improper use may cause potential health, safety and environmental risks.

SECTION 2: Hazard(s) Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

Not classified

Label Elements

Precautionary statements

Prevention

Use personal protective equipment as required. Wash thoroughly after handling.

Storage/Disposal

Store in a well ventilated place. Keep container tightly closed. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other Hazards

OSHA HCS 2012

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Key to abbreviations

CFR = Code of Federal Regulations

HCS = Hazard Communication Standard

OSHA = Occupational Safety and Health Administration

SECTION 3: Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

| Composition | | | |
|---------------------|-------------|---------|--|
| Chemical Name | Identifiers | % | Classifications According to Regulation/Directive |
| Polyalkylene glycol | | > 99.9% | OSHA HCS 2012: |
| Frangrance | | < 0.1% | OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; Asp. Tox. 1; Flam. Liq. 3 |

This product does not contain any additional significantly hazardous material according to UN GHS. Specific chemical names and/or the exact percentages of the composition have been withheld as a trade secret. This claim is in accordance with paragraph (i) of 29 CFR 1910.1200.

Key to abbreviations

CFR = Code of Federal Regulations

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

UN = United Nations

SECTION 4: First-aid Measures

Description of first aid measures

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed

Skin or eye irritation, stomach ache, nausea, dizziness, or headache.

Indication of any immediate medical attention and special treatment required

Notes to Physician

Treat symptomatically.

SECTION 5: Fire-fighting Measures

Extinguishing media

Suitable extinguishing media

In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known. In case of fire use media as appropriate for surrounding fire.

Firefighting Procedures

Keep unauthorized personnel away. LARGE FIRES: Dike fire control water for later disposal.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

None expected.

Hazardous Combustion Products

Oxides of carbon.

Advice for firefighters

Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

SECTION 6: Accidental Release Measures

Protective equipment and emergency procedures

Personal Precautions

Ventilate enclosed areas. Use appropriate Personal Protective Equipment (PPE). Do not walk through spilled material.

Emergency Procedures

Keep unauthorized personnel away. Stay upwind. Use normal clean up procedures.

Environmental precautions

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

Methods and materials for containment and clean up

Containment/Clean-up Measures

Absorb or cover with dry earth, sand or other noncombustible material and transfer to containers.

Reference to other sections

Refer to Section 8 Exposure Controls/Personal Protection and Section 13 Disposal Considerations.

Other Information

Caution: spill area may become slippery.

SECTION 7: Handling and Storage

Precautions for safe handling

Handling

Avoid contact with skin, eyes, and clothing. Use appropriate Personal Protective Equipment (PPE) Use good safety and industrial hygiene practices. Wash thoroughly after handling.

Conditions for safe storage including any incompatibilities

Storage

Keep container/package tightly closed in a cool, well-ventilated place. Keep at temperatures above freezing. Allowing freezing conditions may degrade product.

SECTION 8: Exposure Controls/Personal Protection**Control Parameters****Exposure Limits/Guidelines**

None established.

Exposure Controls**Engineering Measures/Controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment (PPE)**Respiratory**

Under normal conditions, respiratory protection is not necessary. In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

Wear chemical splash safety goggles.

Hands

Wear protective gloves nitrile or butyl.

Skin/Body

Wear protective gloves/protective clothing/eye protection/face protection.

General Industrial Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

Prevent entry into waterways, sewers, basements or confined areas.

SECTION 9: Physical and Chemical Properties

| | |
|--------------------------------------|---|
| Physical State: | Liquid |
| Color: | Clear Yellow |
| Odor: | Mild Hydrocarbon Odor |
| Odor Threshold: | No Data Available |
| pH: | 5 to 8.5 ASTM E70 |
| Melting Point/Freezing Point: | <0°C (<32°F) |
| Boiling Point: | >200°C (>392°F) |
| Evaporation Rate: | <1 n-Butyl Acetate = 1 |
| Flash Point: | > 200°F(> 93.3333°C) PMCC (Pensky-Martins Closed Cup) |
| Flammability (solid, gas): | Data Lacking |

| | |
|---|---|
| Flammable Limits (LEL): | No Data Available |
| Flammable Limits (UEL): | No Data Available |
| Burning Time: | No Data Available |
| Vapor Pressure: | No Data Available |
| Vapor Density: | No Data Available |
| Specific Gravity/Relative Density: | 0.9 to 1 Water=1 |
| Water Solubility: | Insoluble |
| Decomposition Temperature: | No Data Available |
| Viscosity: | 9 to 12 Centistoke (cSt, cS) or mm ² /sec @ 40°C (104°F) |
| Explosive Properties: | No Data Available |
| Octanol/Water Partition Coefficient: | No Data Available |

SECTION 10: Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical Stability

Stable under normal temperatures and pressures.

Conditions to avoid

Keep at temperatures above freezing. Allowing freezing conditions may degrade product.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Incompatibility

No data available.

Hazardous Decomposition Products

Hazardous decomposition may occur during combustion, generating oxides of carbon,

SECTION 11: Toxicological Information

Information on toxicological effects

Other Material Information

No toxicological information is available for the material as a whole.

GHS Properties

Respiratory sensitization

Serious eye damage/Irritation

Acute toxicity

Aspiration Hazard

Carcinogenicity

Skin corrosion/Irritation

Skin sensitization

STOTRE

Classification

OSHA HCS 2012: Classification criteria not met

OSHA HCS 2012: Classification criteria not met

OSHA HCS 2012: Acute Toxicity Classification criteria not met; Acute Toxicity Dermal Classification criteria not met; Acute Toxicity Inhalation Classification criteria not met; Acute Toxicity Oral Classification criteria not met

OSHA HCS 2012: Classification criteria not met

OSHA HCS 2012: Classification criteria not met

OSHA HCS 2012: Classification criteria not met

OSHA HCS 2012: Classification criteria not met

OSHA HCS 2012: Classification criteria not met

STOTSE
Toxicity for Reproduction
Germ Cell Mutagenicity

OSHA HCS 2012: Classification criteria not met
OSHA HCS 2012: Classification criteria not met
OSHA HCS 2012: Classification criteria not met

Potential Health Effects

Inhalation

Acute (Immediate) - Under normal conditions of use, no health effects are expected.

Chronic (Delayed) - Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate) - Under normal conditions of use, no health effects are expected.

Chronic (Delayed) - Under normal conditions of use, no health effects are expected.

Eye

Acute (Immediate) - Under normal conditions of use, no health effects are expected.

Chronic (Delayed) - Under normal conditions of use, no health effects are expected.

Ingestion

Acute (Immediate) - Under normal conditions of use, no health effects are expected.

Chronic (Delayed) - Under normal conditions of use, no health effects are expected.

Carcinogenicity Effects

No component of this material in amounts greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

Key to abbreviations

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

SECTION 12: Ecological Information

Toxicity

This product is not expected to have toxic effects on aquatic life. It is recommended that necessary precautions be taken to prevent release of this material into sewers, streams or bodies of water.

Persistence and degradability

This material is readily biodegradable.

Bioaccumulative potential

No indication of bioaccumulation potential.

Mobility in Soil

No data available.

Other adverse effects

No studies have been found.

Other Information

No data available.

SECTION 13: Disposal Considerations

Waste treatment methods

Product waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport Information

| | UN number | UN proper shipping name | Transport hazard class (es) | Packing group | Environmental hazards |
|-----------|-----------|-------------------------|-----------------------------|---------------|-----------------------|
| DOT | NDA | Not Regulated | NDA | NDA | NDA |
| IMO/IMDG | NDA | Not Regulated | NDA | NDA | NDA |
| IATA/ICAO | NDA | Not Regulated | NDA | NDA | NDA |

Special precautions for user

None specified.

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

This product is provided only in non-bulk containers.

Other information

This material is not a regulated hazardous material with respect to the following transportation regulations: United States Department of Transportation (US DOT), International Air Transport Association (IATA), or International Maritime Dangerous Goods (IMDG).

Key to abbreviations

NDA = No Data Available

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

United States

Labor

| | |
|--|------------|
| U.S. - OSHA – Process Safety Management Highly Hazardous Chemicals | Not Listed |
| U.S. – OSHA – Specifically Regulated Chemicals | Not Listed |

Environment

| | |
|---|------------|
| U.S. – CAA (Clean Air Act) 1990 - Hazardous Air Pollutants | Not Listed |
| U.S. - CERCLA/SARA – Hazardous Substances and their Reportable Quantities | Not Listed |
| U.S. - CERCLA/SARA – Radionuclides and Their Reportable Quantities | Not Listed |
| U.S. - CERCLA/SARA – Section 302 Extremely Hazardous Substances EPCRA RQs | Not Listed |
| U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs | Not Listed |
| U.S. - CERCLA/SARA – Section 313 Emission Reporting | Not Listed |
| U.S. - CERCLA/SARA – Section 313 PBT Chemical Listing | Not Listed |

United States - California

Environment

| | |
|---|------------|
| U.S. – California – Proposition 65 – Carcinogens List | Not Listed |
| U.S. – California – Proposition 65 – Developmental Toxicity | Not Listed |
| U.S. – California – Proposition 65 – Maximum Allowable Dose Levels (MADL) | Not Listed |
| U.S. – California – Proposition 65 – No Significant Risk Levels (NSRL) | Not Listed |
| U.S. – California – Proposition 65 – Reproductive Toxicity Female | Not Listed |
| U.S. – California – Proposition 65 – Reproductive Toxicity Male | Not Listed |

United States Pennsylvania

Labor

| | |
|--|------------|
| U.S. – Pennsylvania – RTK (Right to Know) – Environmental Hazard List | Not Listed |
| U.S. – Pennsylvania – RTK (Right to Know) – Special Hazardous Substances | Not Listed |

Key to abbreviations

OSHA = Occupational Safety and Health Administration

CFR = Code of Federal Regulations

SECTION 16: Other Information

Relevant Phrases (code & full text)

P264 – Wash thoroughly after handling.

P281 – Use personal protective equipment as required.

P401 – Store in accordance with local, regional, national, and/or international regulations.

P501 – Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

The above information and recommendation are believed to be accurate and reliable. However, no warranty, either expressed or implied, is made as to its accuracy or completeness and none is made as to fitness of this material for any purpose. The manufacturer or supplier shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.

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