



Safety Data Sheet

SELECTRA-SIL, PFPOH

Section 1. Identification

Product Identifier SELECTRA-SIL, PFPOH
Synonyms N/A
Manufacturer Stock
Numbers SPFPOH-0-100
Product Cas 422-05-9

Recommended use N/A
Uses advised against N/A

Manufacturer Contact
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 US

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Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
 EYE DAMAGE/IRRITATION - Category 2A
 SKIN CORROSION/IRRITATION - Category 2
 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word Warning

Pictogram



Hazard Statements

Causes serious eye irritation
Causes skin irritation
Harmful if swallowed
May cause respiratory irritation; or May cause drowsiness or dizziness

Precautionary Statements

Response

If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If skin irritation occurs: Get medical advice/attention.
Rinse mouth.
Take off contaminated clothing and wash it before reuse.

Prevention

Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

Dispose of contents/container in accordance with local, state and federal regulations

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
422-05-9	2,2,3,3,3-Pentafluoropropanol	Unknown

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General

Consult a physician. Show this safety data sheet to the doctor in attendance.
Move out of dangerous area

Eye

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin	Remove product from skin with a dry towel and wash exposed area with detergent/soap
Ingestion	Get medical attention
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	EXTINGUISHING MEDIA: Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Unsuitable Extinguishing Media	FIRE FIGHTING EQUIPMENT: Firefighters must wear positive pressure, self-contained breathing apparatus and full protective clothing. N/A

Section 6. Accidental Release Measures

Additional Information	LARGE SPILL: Absorb spill with inert material (eg, dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. GENERAL PROCEDURES: Isolate hazard area and deny entry to not necessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches.
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Section 7. Handling and Storage

Additional Information	HANDLING: Wash thoroughly after handling. Use with adequate ventilation. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Keep away from heat, sparks and flame. STORAGE: Keep away from heat, sparks, and flame. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area.
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Section 8. Exposure Controls/Personal Protection

Occupational Exposure	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
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Limits	2,2,3,3,3-Pentafluoropropanol	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.			
Eye and Face	Use chemical goggles			
Skin	Use impervious gloves. Use impervious clothing as necessary to protect against skin contact			
Respiratory	Maintain adequate ventilation. Mechanical ventilation recommended. In case of exposure, use appropriate NIOSH approved respiratory protection.			
Work Hygienic Practices	General industrial hygiene practice			
Comments	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment, in accordance with the OSHA PPE Standard (29 CFR 1910.132), be conducted before using this product.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless/Clear
Odor	Alcohol - like odor
Odor Threshold	N/A
Solubility	21.9 g/l @ 25C
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1.505
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	80C@748mm Hg
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Additional Information	<p>STABILITY: Stable at room temperature in closed containers under normal storage and handling conditions.</p> <p>POLYMERIZATION: Hazardous polymerization will not occur.</p> <p>CONDITIONS TO AVOID: Ignition sources, excess heat</p> <p>HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, hydrogen fluoride gas, fluorine</p> <p>INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents, strong acids, strong bases, acetic anhydride</p>
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Section 11. Toxicological Information

Additional Information	<p>ORAL LD50: Oral, mouse: LD50 = 1 gm/kg Oral LDLo rat: 2250 mg/kg (RTECS)., Inhalation LCLo mouse: 2000 mg/m³/2H (RTECS)</p> <p>INHALATION LC50: Inhalation, mouse: LC50 = 10 gm/m³</p> <p>CARCINOGENICITY IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</p>
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Section 12. Ecological Information

Additional Information	No information available
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Section 13. Disposal

Method	Incinerate. Follow all federal, state and local regulations
Empty Container	Containers of this material may be hazardous when empty since they retain product residues (liquids). Observe all warnings and precautions listed for this product.

Comments

It is recommended that waste generators determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult with their waste broker and state and local hazardous waste regulations to insure complete and accurate classification. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. US EPA guidelines for classification determination are listed on 40CFR Parts 261.3

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not Dangerous Goods
DOT Classification
Packing Group

Section 15. Regulatory Information

Additional Information SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
313 REPORTABLE INGREDIENTS: no chemicals reported
302/304 EMERGENCY PLANNING
EMERGENCY PLAN: No

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA RQ: None of the material have RQ

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA STATUS: This product is listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: California No Significant Risk Level: None of the chemicals in this product are listed.

CLEAN WATER ACT: None of the chemicals in this product are listed as hazardous substances under the CWA, priority pollutant under the CWA or toxic pollutants under the CWA

Section 16. Other Information

Revision Date 2/26/2016
Manufacturer Disclaimer The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.
Manufacturer Supplemental Notes All technical data is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Statement

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