

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620

Product Name: **POL-EASE PF**

Chemical Family: Aliphatic hydrocarbon and alcohol

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Isopropyl alcohol, 67-63-0	OSHA PEL 400 ppm ACGIH TLV 400 ppm
Aliphatic hydrocarbon, 142-82-5	OSHA PEL 400 ppm ACGIH TLV 400 ppm

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin or eye contact

EYE: May cause eye irritation.

SKIN: Prolonged or repeated contact may cause irritation and dermatitis.

INGESTION: May cause gastrointestinal irritation (nausea, vomiting, diarrhea) or central nervous system effects (dizziness, drowsiness, fatigue, headache). Upon swallowing, may enter lungs and cause lung inflammation or damage.

INHALATION: May cause respiratory irritation or headache dizziness, anesthetic effects, or other central nervous system effects.

CHRONIC EFFECTS: Prolonged or repeated exposure may cause drying, defatting and dermatitis of the skin.

CARCINOGENICITY: Not listed as a carcinogen by IARC, NTP, or OSHA.

4. First Aid Measures

EYE CONTACT: Flush with water for 15 min. If irritation persists, seek medical attention.

SKIN CONTACT: Wash thoroughly with soap and water. If symptoms persist, seek medical attention.

INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Seek medical attention.

INGESTION: Do not induce vomiting; aspiration into lungs can cause serious damage. Seek medical attention immediately.

5. Fire Fighting Measures

FLASH POINT: 15 °F (TCC)

FLAMMABLE LIMITS: LFL: 1.5% UFL: 11.6%

FIRE HAZARDS: Do not use near ignition source, spark, or open flame. Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors are heavier than air and may accumulate in low areas and travel long distances to a source of ignition. Containers may rupture or explode under fire conditions. Materials can accumulate static, which can cause a spark.

EXTINGUISHING MEDIA: CO₂, dry chemical or foam. Use water spray only to cool containers.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, and other potentially hazardous compounds.

OTHER INFORMATION: Firefighters wear SCBA and full-body protective suit.

6. Accidental Release Measures

Evacuate area until vapor has dispersed. Extinguish all sources of ignition. Stop or reduce discharge if it can be done safely. Emergency personnel wear personal protective equipment. Absorb spilled material with non-reactive absorbent such as sawdust, vermiculite, or sand. Collect and containerize spill material. Dispose of in accordance with federal, state and local regulations (see Section 11 of MSDS).

7. Handling and Storage

HANDLING: Avoid breathing vapor and avoid prolonged and repeated contact with skin. Use in well ventilated area. If area is not adequately ventilated, use respiratory protective equipment. STORAGE: Store in a cool, dry, well ventilated area in tightly closed containers. Keep away from heat and ignition sources.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust to maintain airborne concentrations below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Use safety glasses and chemically-resistant gloves.

RESPIRATORY PROTECTION: If ventilation is not sufficient to maintain exposure limits, use respirator equipped with organic vapor cartridges.

9. Physical Characteristics

APPEARANCE: Cloudy white liquid

ODOR: Petroleum odor

SOLUBILITY IN WATER: Insoluble

VAPOR DENSITY: 3.9 (air = 1)

VAPOR PRESS.: 63 mm Hg @ 20°F

EVAP. RATE: 4.5 (butyl acetate =1)

SPECIFIC GRAVITY: 0.70 @ 70°F

BOILING POINT: 198-212°F

10. Stability and Reactivity

CONDITIONS TO AVOID: Ignition sources, open flames, and heat.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and other potentially hazardous compounds.

11. Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product does not contain any compounds above the *de minimis* reporting levels subject to SARA Section 313 reporting requirements.

DISPOSAL: Upon disposal, this product is RCRA hazardous waste (D001-owing to low flash point) as defined in 40 CFR 261. Dispose of in accordance with federal, state and local regulations.

TRANSPORT: Petroleum distillates, 3, UN1268, PG II

EMERGENCY SHIPPING INFORMATION: Call CHEMTREC, 800/424-9300.

REVISION INDICATOR: Various format changes.

DISCLAIMER: The information contained herein is considered accurate; however, Polytek makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.