

MATERIAL SAFETY DATA SHEET

Trade Name: Purepro Fuel System Cleaner 12/12 oz
MSDS NO. FSC-12
Revision Date: NOT AUTHORIZED
Date Printed: 07/25/2009

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Purepro Fuel System Cleaner 12/12 oz
Chemical Family: HYDROCARBON MIXTURE
Synonyms: None
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300
Supplier: Filpac, Midvale, UT, 84047

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	OSHA TWA	OSHA STEL	OSHA SKIN
400/500 Base Solvent 64742-47-8	85-90	500 ppm	Not Listed	Not Listed
Ultrazol 9543	10-15	Not Listed	Not Listed	Not Listed

Component	Weight %	OSHA Z PEL	OSHA Z TWA	OSHA Z Ceiling
400/500 Base Solvent 64742-47-8	85-90	500 ppm	500 ppm	Not Listed
Ultrazol 9543	10-15	Not Listed	Not Listed	Not Listed

Component	ACGIH TLV TWA	ACGIH TLV STEL	ACGIH TLV Ceiling
400/500 Base Solvent 64742-47-8	Not Listed	Not Listed	Not Listed
Ultrazol 9543	Not Listed	Not Listed	Not Listed

3. HAZARDS IDENTIFICATION

Emergency Overview: Keep away from heat, sparks and flame. Exposure to vapors can cause central nervous system depression, drowsiness, weakness, headache, dizziness, and nausea. Causes eye and skin irritation. Caution: Combustible. Harmful if inhaled. Harmful if swallowed. Avoid contact with skin and eyes.

HMIS Classification: Health: 2* Flammability: 2 Reactivity: 0
NFPA Rating: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Skin Contact: Remove contaminated clothing and shoes, and launder before reuse. Wash with soap and water. If irritation persists or signs of toxicity occur, seek medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point °F(°C): 165 F (typical)

MATERIAL SAFETY DATA SHEET

Trade Name: Purepro Fuel System Cleaner 12/12 oz
MSDS NO. FSC-12
Revision Date: NOT AUTHORIZED
Date Printed: 07/25/2009

5. FIRE FIGHTING MEASURES

Flash Point Method: PMCC
Flammable Limits in Air - Lower (%): Not Determined
Flammable Limits in Air - Upper (%): Not Determined
Autoignition Temperature °F(°C): Not Determined
Extinguishing Media: Carbon dioxide. Dry chemical. Foam. Use water spray to keep containers cool that are exposed to heat or flames.

Protection Of Fire-Fighters:
Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing.
Hazardous Combustion Products: Not determined.
Aerosol Comments: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spill Procedures: Wear protective equipment specified. Only trained and qualified personel should handle any spilled or leaked product. Keep away from heat sparks and flames. Ventilate spill area. Soak up material with absorbent and place in chemical waste container.
Action to be taken if material is released or spilled: Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition. Increase area ventilation. Persons not trained should evacuate area. Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations. Use non-sparking tools and equipment.
Environmental Precautions: Keep away from drains.

7. HANDLING AND STORAGE

Handling and Storage: Use ground strap. Keep container closed when not in use. Use only in a well ventilated area. Keep away from heat and open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits.
Eyes: Wear safety glasses or goggles to protect against exposure.
Skin Protection: Avoid skin contact. Wear protective clothing and gloves.
Respiratory Protection: Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded..... Or over exposure is likely.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to light yellow liquid
Odor: MILD
pH Value: Not Determined
Vapor Pressure: Not Determined
Vapor Density (Air=1): Not Determined
Boiling Point (°F): Not determined.
Melting/Freezing Point: Not determined.
Solubility in Water: INSOLUBLE
Bulk Density at 20°C: Not Determined
Molecular Weight: Not Determined
Specific Gravity (H20=1): 0.814
Viscosity: Not determined.
Evaporation Rate: Not Determined
VOC Content(%): Not determined.
Decomposition Temperature: Not Known

10. STABILITY AND REACTIVITY

MATERIAL SAFETY DATA SHEET

Trade Name: Purepro Fuel System Cleaner 12/12 oz
MSDS NO. FSC-12
Revision Date: NOT AUTHORIZED
Date Printed: 07/25/2009

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.
Conditions to Avoid: Keep away from heat, sparks and flame.
Materials to Avoid: Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products: Carbon monoxide.
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Component	Route	Species	Dose
400/500 Base Solvent 64742-47-8	Inhalation	Rats	Not known.
Ultrazol 9543	Inhalation	Rats	Not known.

Carcinogenicity:

Component	IARC	NTP	OSHA
400/500 Base Solvent 64742-47-8	Not Listed	Not Listed	Not Listed
Ultrazol 9543	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATION

Waste Classification: Not determined.
Waste Management: Not determined.
Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:

Proper Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
UN/NA Number: Not Applicable
DOT Packing Group: Not Applicable

IMDG:

Proper Shipping Name: Not Regulated
Hazard Class: Not Applicable
Hazard Subclass: Not Applicable
UN No.: Not Applicable
Packing Group: Not Applicable
Marine Pollutant: Not determined.

15. REGULATORY INFORMATION

US Federal Regulations:

MATERIAL SAFETY DATA SHEET

Trade Name: Purepro Fuel System Cleaner 12/12 oz
MSDS NO. FSC-12
Revision Date: NOT AUTHORIZED
Date Printed 07/25/2009

Component	SARA 313	SARA 302	TPQ	RQ
400/500 Base Solvent 64742-47-8	Not Listed	Not Listed	Not Listed	Not Listed
Ultrazol 9543	Not Listed	Not Listed	Not Listed	Not Listed

SARA 311/312 Hazard Categories: Acute Health-YES, Chronic Health-YES, Fire-YES, Pressure-NO, Reactive-NO.

State Regulations:

Component	California Prop. 65 Cancer list	California - Prop 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
400/500 Base Solvent 64742-47-8	Not Listed	Not Listed	Not Listed	Not Listed
Ultrazol 9543	Not Listed	Not Listed	Not Listed	Not Listed

U.S. TSCA: One or more components of this product is not listed on the TSCA Inventory.
Canadian Inventory: One or more components of this product is not listed on the Canadian DSL or NDSL Inventory.
Carcinogenicity: Contains <0.1-1.0% naphthalene that is listed by IARC as Suspect Carcinogen NTP Carcinogen

Consumer Product Safety Improvement Act of 2008 General Conformity Certification

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.
Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.