

MATERIAL SAFETY DATA SHEET

Revision Date: 3/25/2008

MSDS No. PTI-513

Emergency Phones: 800-826-4405

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

SECTION I - PRODUCT IDENTITY

PRODUCT NAME: 'Extraction Care'

Formula: Mixture, solvents, builders and detergents in water

Chemical Type: As above

HMIS RATINGS

Health = 1 (Slight)	Flammability = 2 (Moderate)
Reactivity = 0 (Minimal)	Protection = B (Goggles & Gloves)

SECTION II - HAZARDOUS INGREDIENTS

	<u>PERCENT</u>	<u>TLV</u>	<u>CARCINOGEN (OSHA,TP,IARC)</u>
2-Butoxyethanol CAS No. 111-76-2	<5%	25 ppm	no
Isopropanol CAS No. 67-63-0	<3%	400 ppm STEL = 500 ppm	no
Tetrachloroethylene (Perchloroethylene) CAS No. 127-18-4 {DOT regulates this substance under Table 49 CFR Sec. 72.101.}	<1% Perchloroethylene is considered a potential human carcinogen by inhalation based upon animal studies.	50 ppm STEL = 200 ppm Risks to humans has not been established, and may depend on amounts and lengths of exposure.	no

SECTION III - CHEMICAL AND PHYSICAL

Appearance: Clear amber-straw liquid	Boiling Point: est. <212 ° F.
Odor: mild chlorine	Melting Point: N/A
pH: 11-12	Spec. Gravity (H ₂ O = 1): 1.08
Water Solubility: Complete	Vapor Pressure (mm Hg): N/A
Viscosity: Water Thin	VOC Content: = < 6% (N.A.)

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): 126 ° F. ClCp.	Explosion Limits: Upper: N/A Lower: N/A
--------------------------------------	--

Extinguishing Media: Water fog, CO₂, halon system, foam

Special Firefighting Procedures and Hazards: Minimize prolonged skin and eye contact. Wear eye protection if exposure is likely. Note: This product is combustible under OSHA criteria, but is not regulated by DOT since it contains less than 24% alcohol and over 50% water, and the other ingredients do not constitute a DOT hazard: see 49 CFR 173.115(b) (2) (i) and (ii).

SECTION V - REACTIVITY INFORMATION

Stable: Unstable:

Precautions:

Incompatibility: none recorded..

Hazardous Decomposition Products: If in a fire: CO, CO₂, hydrocarbons.

Hazardous Polymerization: Occurs: Does Not Occur:

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Inhalation: Breathing of mists causes respiratory irritation. Perchloroethylene is a potential human carcinogen. Wear approved mist/organic vapor respirator if exposure is likely. Provide ventilation. Remove to fresh air. Give artificial respiration or oxygen if needed.

Skin: Extended contact may cause irritation. Prolonged contact with 2-butoxyethanol may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Flush skin with water for 15 minutes. Wear protective gloves if needed. Get medical attention for any irritation.

Eyes: Can cause irritation. Wear goggles as needed. Flush immediately with water for 15 minutes. Get prompt medical attention if needed.

Ingestion: May cause irritation in mouth, throat and digestive upset.. Also may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. Rinse mouth. Drink lots of water. Do not induce vomiting. Get medical attention if effects persist.

Most likely routes of entry: Skin, eyes and inhalation.

Other Important Medical or Precautionary Information: None

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Do not drain to sewer without dilution. Larger spills should be contained by diking or other methods and held for disposal or reuse.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping. Do Not let enclosed vapors accumulate

Waste Disposal: Neutralized product may be disposable in sewers if local regulations permit. Otherwise send to a licensed treatment facility.

Empty Containers: : Rinse well before handling and disposal. Observe label precautions.

Other Precautions: In an enclosed area ventilate in any suitable manner.

SECTION VIII - REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): 2-Butoxyethanol, Tetrachloroethylene

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, PTI cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.