

This MSDS Sheet complies with the style format specified by ANSI Z400 1-1993

SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION

TETRA Technologies, Inc. (281) 367-1983
 25025 I-45 North (800) 327-7817
 The Woodlands, Texas 77380

(800) 424-9300 CHEMTREC (24-Hour Emergency Response)
 (800) 222-1222 POISON CONTROL

PRODUCT: PseudoPol™ HTL
CHEMICAL FAMILY: Mixture
MSDS CREATION DATE: 17 SEP 02

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

The composition of this product is proprietary. This product is not hazardous as defined in 29 CFR 1910.1200. In the event of a medical emergency, compositional information will be revealed to a physician or nurse.

COMPONENTS	CAS NUMBER	PERCENTAGE by weight
Petroleum distillates, hydrotreated light	64742-47-8	32.3%

PROBABLE CONTAMINANT: Not known

SECTION 3: HAZARDS IDENTIFICATION

NFPA RATINGS: (SCALE 0-4): HEALTH=1 FIRE=0 REACTIVITY=0

EMERGENCY OVERVIEW: Clear to light yellow liquid with mild hydrocarbon odor. Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist, or fumes. May be aspirated into lungs.

POTENTIAL HEALTH EFFECTS:

INHALATION: May cause headache, nausea or unconsciousness.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: May cause gastrointestinal upset and slight central nervous system depression. If swallowed, may be aspirated resulting in inflammation and possible fluid accumulation in the lungs.

CARCINOGEN STATUS:

OSHA: No **NTP:** No **IARC:** No

SECTION 4: FIRST AID MEASURES

INHALATION: Remove from exposure area to fresh air immediately. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing and shoes. Wash with large amounts of soap and water. If irritation develops or persists, get medical attention.

EYE CONTACT: Flush eyes with large amounts of water. If irritation develops or persists, get medical attention.

INGESTION: Do not induce vomiting. Get medical attention immediately.

NOTE TO PHYSICIAN: Gastric lavage using a cuffed endotracheal tube may be performed at your discretion.

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SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD: Negligible fire hazard

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide or regular foam

FIREFIGHTING: Evacuate area of all unnecessary personnel. Use NIOSH/MSHA approved self-contained breathing apparatus and protective equipment if conditions warrant. Water fog or spray may be used to cool exposed equipment and containers.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides and other toxic gases may be released when burned.

SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Stop leak if you can. Keep out of water sources and sewers. Absorb in dry, inert material such as sand, clay, etc. and transfer to appropriate disposal containers.

SECTION 7: HANDLING AND STORAGE

Observe all federal, state and local regulations when storing this product. Store in well ventilated area in closed container.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS: a permissible exposure limit of 100ppm, 525 mg/m³, 8-Hour TWA is established for Petroleum Distillate – Stoddard Solvent.

VENTILATION: Provide local exhaust ventilation system.

EYE PROTECTION: Wear safety glasses with side shields or safety goggles/shield.

EMERGENCY WASH FACILITIES: Where there is any possibility that an employee's eyes and/or skin may be exposed to this product, an eye wash fountain and safety shower should be available.

CLOTHING and GLOVES: Wear appropriate protective clothing and equipment.

RESPIRATOR: If a respirator is utilized, the selection must be based on contamination levels found in the work place and specific to the job assignment. Do not exceed the working limits of the respirator. Use NIOSH/MSHA approved air purifying respirator equipped with an organic vapor cartridge and face mask.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

CONDITIONS: Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION:	Clear to light yellow liquid
ODOR:	mild, slight hydrocarbon
BOILING POINT:	424-460°F (217-238°C)
SPECIFIC GRAVITY (H₂O=1)	1.004 @ 60/60°F (16/16°C)
SOLUBILITY in WATER:	Disperses rapidly; some constituents are insoluble
VAPOR DENSITY (Air=1):	>1
% VOLATILE BY VOLUME:	55-70

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable under normal temperatures and pressures.

CONDITIONS TO AVOID: Not established.



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INCOMPATIBILITIES: Not established
POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION: Thermal decomposition products may include carbon oxides and other toxic gases.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA: LD50, oral, rat for HE®Polymer 300 Emulsions is >5,000mg/kg.

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL INFORMATION

Observe all federal, state and local regulations when disposing of this substance.

SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name-ID Number: Non-regulated.

SECTION 15: REGULATORY INFORMATION

TSCA STATUS:	Yes
CERCLA SECTION 103:	No
SARA SECTIONS 302, 304, 313:	No
SARA HAZARD SECTIONS 311, 312:	No
CALIFORNIA PROPOSITION 65:	No
OSHA PROCESS SAFETY	No

SECTION 16: OTHER INFORMATION

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the users' responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

TETRA Technologies, Inc. reserves the right to refuse shipment of this product to any consumer who fails to demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations. Such demonstration may require on-site inspection of any or all storage, processing, packaging and other handling systems that come in contact with it.

Customers are responsible for compliance with local, state and federal regulations that may be pertinent in the storage, application and disposal of this product.