

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: PayZone® NE-200
MSDS CREATION DATE: 26 MAR 02

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	PERCENTAGE
Isopropyl Alcohol	67-63-0	<80%
Quaternary Ammonium Chloride	Proprietary	Proprietary
Ethylene Glycol Monobutyl Ether	112-34-5	<5%

SECTION 3: HAZARDS IDENTIFICATION

NFPA RATINGS: HEALTH=2 FIRE=3 REACTIVITY=0

EMERGENCY OVERVIEW: Flammable. Corrosive. Amber liquid with alcoholic odor. May cause irritation to respiratory tract, eyes, and skin.

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INHALATION: Mists may cause irritation to respiratory tract.

INGESTION: **May cause irritation and gastrointestinal distress.**

CARCINOGEN STATUS: OSHA: No NTP: No

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation persists.
EYE CONTACT: Flush repeatedly with water or saline solution. Get immediate medical attention.
INHALATION: Remove to fresh air. Get prompt medical attention.
INGESTION: If conscious, give at least two glasses of water. Do not induce vomiting. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD: Releases flammable vapors at normal ambient temperatures which can burn in open or explode if confined. Flammable vapors are heavier than air. May travel long distances along the ground before igniting/flashing back to vapor source. Water dilution may not suffice to raise flash point.

EXTINGUISHING MEDIA: Use water spray, water fog, foam, dry chemical, or CO₂.

FIREFIGHTING: Move product from fire area if you can without risk. Extinguish fire using agent suitable for type of surrounding fire and/or chemicals. Self-contained breathing apparatus should be worn. Use protective shielding to avoid exploding containers. Water may be ineffective due to low flash point.

FLASH POINT: Below 100°F (38°C)

LOWER FLAMMABLE LIMIT: Not established

UPPER FLAMMABLE LIMIT: Not established

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SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Remove ignition sources. Use absorbent material such as sand or clay to collect for disposal in an EPA approved industrial waste disposal site.

SECTION 7: HANDLING AND STORAGE

Observe all federal, state and local regulations when handling and storing this product. Store/utilize in well ventilated areas away from heat, sparks or open flame.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS:		<u>TWA</u>	<u>STEL</u>	<u>OSHA TWA</u>
	Isopropyl Alcohol	400ppm	500ppm	400ppm
VENTILATION:	Provide local exhaust ventilation system.			
EYE PROTECTION:	Wear safety glasses with splash shields or safety goggles/shield.			
SKIN:	Wear appropriate protective (impervious) gloves and clothing.			
RESPIRATOR:	Wear NIOSH approved vapor mask required in closed areas.			

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION:	Amber liquid with alcoholic odor
SPECIFIC GRAVITY:	0.84 – 0.87 g/cc @ 20°C
BOILING POINT:	>180°F (82°C)
EVAPORATION RATE (ETHYL ETHER=1):	>1.0
SOLUBILITY IN WATER:	Dispersible

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable

INCOMPATIBILITIES: Avoid contact with strong oxidizing agents, reducing agents, acid, alkalies and open flames.

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide and oxides of nitrogen.

CONDITIONS TO AVOID: Any source of heat, sparks or open flame.

SECTION 11: TOXICOLOGICAL INFORMATION

No data available.

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL INFORMATION

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

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SECTION 14: TRANSPORT INFORMATION

US DOT SHIPPING NAME-ID NUMBER: Flammable liquid, Corrosive, n.o.s. (contains Isopropyl Alcohol and Quaternary Ammonium Compound) ,	UN-2924
US DOT HAZARD CLASS OR DIVISION:	3
US DOT PACKING GROUP:	II
US DOT LABELING REQUIREMENTS:	Flammable Liquid, Corrosive
US DOT PACKING AUTHORIZATIONS:	
Non-bulk Packing:	49 CFR 173.202
Bulk Packing:	49 CFR 173.243
US DOT QUANTITY LIMITATIONS:	
Passenger Aircraft or Railcar:	1L
Cargo Aircraft Only:	5L
US DOT VESSEL STOWAGE REQUIREMENTS:	B
US DOT EMERGENCY GUIDE NUMBER:	132

SECTION 15: REGULATORY INFORMATION

TSCA STATUS:	listed on the TSCA Inventory of Chemical Substances
CERCLA SECTION 103:	No
SARA SECTIONS 302 AND 304:	No
SARA SECTION 313:	Yes
SARA HAZARD CATEGORIES, SECTIONS 311/312:	
ACUTE HAZARD:	Yes
CHRONIC HAZARD:	Yes
FIRE HAZARD:	Yes

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.