



TETRA Technologies, Inc.

Material Safety Data Sheet

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

SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION

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

(800) 424-9300 - CHEMTREC (24 Hour Emergency Response)

PRODUCT: PayZone® StrataGlide
TRADE NAMES/SYNONYMS: None
CHEMICAL FAMILY: Mixture
MSDS CREATION DATE: 01 NOV 2001
MSDS REVISION DATE:

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

The composition of this product is proprietary. It will be provided in accordance with the provisions of 29 CFR Part 1910.1200(i) in the event of a medical emergency.

COMPONENTS: Proprietary blend of oligomers
CAS NUMBER: Proprietary
PROBABLE CONTAMINANT: Not known

SECTION 3: HAZARDS IDENTIFICATION

HMIS RATING: (SCALE 0-4): HEALTH=2 FIRE=1 REACTIVITY=0

EMERGENCY OVERVIEW: Amber colored liquid with a characteristic mild odor. Keep containers closed. Use with adequate ventilation. Avoid breathing mist or vapors. Wash after handling.

POTENTIAL HEALTH EFFECTS:

INHALATION: Prolonged exposure to respirable aerosols may cause lung damage/impairment.
SKIN CONTACT: No evidence of harmful effects from available information.
EYE CONTACT: No evidence of harmful effects from available information.
INGESTION: No evidence of harmful effects from available information.

OVEREXPOSURE: Overexposure to vapor, aerosol or mist generated at high temperature may result in eye and respiratory tract irritation, dizziness, nausea and the inhalation of harmful amounts of material.

SECTION 4: FIRST AID MEASURES

INHALATION: Remove to fresh air. If adverse affects continue, seek medical attention.
SKIN CONTACT: Remove contaminated clothing and shoes. Wash with soap and of water.
EYE CONTACT: Flush eyes thoroughly with water for several minutes.
INGESTION: If patient is fully conscious, give two glasses of water. Do not induce vomiting. Obtain medical attention.
NOTE TO PHYSICIAN: Low toxicity by swallowing. Any material aspirated during vomiting may injure lungs. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g. gastric lavage after endotracheal intubation).



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SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT / METHOD: < 200°F PMCC ASTM D-93 Lower/Upper Limit: N/AV

FIRE AND EXPLOSION HAZARD: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

EXTINGUISHING MEDIA: Use water fog of fine spray, foam, dry chemical or CO₂. Alcohol resistant foams (ATC type) are preferred if available. General purpose synthetic foams (including AFFF) or protein foams may function, but much less effectively. Do not use direct water stream, it will spread fire.

FIREFIGHTING: Container areas should be cooled with large amounts of water. When using water spray, boil over may occur when the product temperature reaches the boiling point of water. Avoid breathing vapors. Dike area to prevent runoff and contamination of water sources.

RESPIRATOR: Wear positive-pressure self-contained NIOSH-approved breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products may include carbon monoxide and/or carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Stop leak if safe to do so. For small spills, take up with sand or other absorbent material and place in containers for disposal. For larger spills, dike and contain. Remove with vacuum trucks or pump to storage salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; secure in tightly sealed containers for disposal. Flush area with water to remove residue and dispose of flush solution as above.

SECTION 7: HANDLING AND STORAGE

PROCESS HAZARD: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published ‘auto-ignition’ or ‘ignition’ temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

Observe all federal, state and local regulations when storing this product.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS: No occupational exposure limits established by OSHA or ACGIH.

VENTILATION: General mechanical ventilation is satisfactory for use at low temperatures. If used at high temperatures, special local ventilation is recommended at points where vapors can be expected to escape into the workspace air.

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

EMERGENCY WASH FACILITIES: Eye bath and safety shower.

CLOTHING/GLOVES: Wear appropriate protective (impervious) clothing. Use polyvinyl chloride coated gloves.

RESPIRATOR: In working with aerosols, a negative pressure, half-mask respirator approved for dust and mist is recommended.
FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS: See Section 5.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION/ODOR:	Amber colored liquid with a characteristic mild odor at 68°F.
MELTING POINT:	N/A.
BOILING POINT:	(°F) >392 (decomposes)
SPECIFIC GRAVITY:	(H ₂ O=1) @ 60°F 1.01 – 1.08
DENSITY:	@60°F 8.40 – 9.00 lb/gal
WATER SOLUBILITY:	@ 68°F Dispersion
POUR POINT (°F);	<20
EVAPORATION RATE	(n-butyl acetate=1) Nil
VAPOR PRESSURE (mmHg):	@20°C <0.01
VAPOR DENSITY:	(air=1) >1

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Stable under normal temperatures and pressures.
CONDITIONS TO AVOID:	None known.
HAZARDOUS DECOMPOSITION:	Thermal decomposition products may include carbon monoxide and or carbon dioxide.
POLYMERIZATION:	Will not occur.

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.

SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name-ID Number: Non-regulated.

SECTION 15: REGULATORY INFORMATION

TSCA STATUS:	All ingredients are listed on the TSCA Inventory of Chemical Substances
SARA 302, 304, 311, 312	No
SARA 313 (NOTIFICATION)	No
CERCLA SECTION 103:	No
EPA HAZARD CATERGORIES:	Immediate health; delayed health

SECTION 16: OTHER INFORMATION



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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 user's 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, Incorporated 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.