

TETRA Technologies, Inc.

MATERIAL SAFETY DATA SHEET



OXBAN HB

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1. PRODUCT AND COMPANY IDENTIFICATION

TETRA Technologies, Inc. 25025 I-45 North The Woodlands, TX 77380	CHEMTREC (24-Hr Emergency Response):	(800) 424-9300
	Poison Control:	(800) 222-1222
	Nonemergency Customer Service:	(281) 367-1983
Substance:	Oxban HB	
Synonyms:	None	
Chemical Family	Proprietary blend of poly-functional organic and water	
MSDS Creation Date:	03 Feb 00	
MSDS Revision Date:	05 Aug 04	

2. COMPOSITION, INFORMATION ON INGREDIENTS

CAS Number	Wt %	Component Name	RTECS Number
Proprietary	Proprietary	Proprietary Poly-functional Organic	Proprietary
7732-18-5	Proprietary	Water	ZCO110000

The composition information on this product is proprietary. In the event of a spill or fire, compositional information will be provided in accordance with the provisions of 29 CFR 1910.1200(i). In the event of a medical emergency, compositional information will be revealed to a physician, nurse, or responding emergency personnel.

3. HAZARDS IDENTIFICATION

NFPA Ratings (Scale 0-4):	Health – 0 Fire – 0 Reactivity – 0
Emergency Overview:	Clear to light yellow liquid, with a small amount of white sediment occasionally present. Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Wash thoroughly after handling. Use with adequate ventilation.
Potential Health Effects:	
Inhalation:	May cause irritation.
Skin Contact:	May cause irritation.
Eye Contact:	May cause irritation.
Ingestion:	No information available.
Carcinogen Status:	OSHA – No NTP – No IARC – No

4. FIRST AID MEASURES

Eye Contact:	Flush eyes with water. Get medical attention if needed.
Skin Contact:	Wash affected area with soap and water. Get medical attention if needed.
Inhalation:	Remove from exposure area to fresh air. Get medical attention if needed.
Ingestion:	Get medical attention.
Notes to Physician:	No specific antidote. Treat symptomatically and supportively.

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5. FIRE FIGHTING MEASURES

Flash Point:	>200°F (93°C)
Extinguishing Media:	Use extinguishing agent suitable for type of surrounding fire.
Fire Fighting:	No acute hazard. Apply cooling water to sides of containers that are exposed to flames. Avoid breathing vapors, keep upwind. Stay away from ends of tanks..
Fire and Explosion Hazard:	Negligible fire hazard when exposed to heat or flame.
Products of Combustion:	May include corrosive and toxic carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Evacuation and Safety:	Wear appropriate protective gear for the situation. See personal protection information in Section 8.
Containment of Spill:	Stop leak if you can do so without risk. Move product from fire area if you can without risk. Take up with sand or other non-combustible absorbent material and place in containers for disposal.
Cleanup and Disposal:	Move product from fire area if you can without risk. Take up with sand or other non-combustible absorbent material and place in containers for disposal.

7. HANDLING AND STORAGE

Handling:	Observe all federal, state, and local regulations when handling and storing this product.
Storage:	Store in a cool, dry place in a tightly closed container and away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Provide local exhaust ventilation system. Where there is possibility of exposure, eye wash fountain and safety shower should be provided within the immediate work area for emergency use.
Exposure Limits:	No occupational exposure limits established by OSHA/ACGIH/NIOSH.
Eyes:	Wear safety glasses with splash shields or safety goggles/shield.
Body:	Wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged contact.
Respiratory:	The respirator selected must be based on contamination levels found in the workplace and specific to the job assignment.
Hands and Feet:	Wear appropriate gloves and boots to prevent contact.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Description:	Clear to light yellow liquid. A small amount of white sediment is occasionally present, but the performance is not affected.
Odor:	Not available.
Boiling Point:	Not determined.
Melting Point:	Not available.
Molecular Weight:	Not available.
Specific Gravity (H ₂ O=1):	1.0 – 1.5
pH:	6 - 8
Water Solubility:	Soluble
Vapor Density (Air=1):	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.

10. STABILITY AND REACTIVITY

Stability and Reactivity:	Stable under normal temperatures and pressures.
Incompatibilities:	Oxidizing materials, metals, acids, bases.
Hazardous Decomposition:	Thermal decomposition products may include corrosive and toxic oxides of carbon.
Polymerization:	Hazardous polymerization has not been reported to occur under normal temperatures and pressures.
Conditions to Avoid:	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

11. TOXICOLOGICAL INFORMATION

Toxicity Data:	No data available.
Local Effects:	No data available.
Health Effects:	No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL INFORMATION

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

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14. DEPARTMENT OF TRANSPORTATION (DOT) TRANSPORT INFORMATION

Shipping Name:	Not regulated
ID Number:	Not applicable
Hazard Class or Division:	Not applicable
Packing Group:	Not applicable
Labeling Requirements:	Not applicable
Packing Authorizations:	
Exceptions:	Not applicable
Non-bulk Packing:	Not applicable
Bulk Packing:	Not applicable
Quantity Limitations:	
Passenger Aircraft or Railcar:	Not applicable
Cargo Aircraft Only:	Not applicable
Vessel Stowage Requirements:	Not applicable
Emergency Guide Number:	Not applicable

15. REGULATORY INFORMATION

Workplace Classification:

SARA Title III:	No
TSCA Status:	Yes
CERCLA:	Not regulated
OSHA Process Safety:	No
California Proposition 65:	No
WHMIS Classification:	Not determined

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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.