



West River Chemicals
www.westriverchemicals.com

ThioDigestor/PromoterTM

Advanced Formula Desulfurizing Agent Complement

21st Century Technology developed in America by West River Chemicals

Material Safety Data Sheet

Manufacturers Name: West River Chemicals

Date Prepared: October 2012

Contact: NEngineering

Emergency Phone: (703) 527-3887

I. General Information

General Product Name: ThioDigestor / Promoter

Synonym: Digestor-Promoter.

Generic Description: Product blend is a light yellow, low viscosity, corrosive liquid. Contains organic nitrogenous oxides.

II. Physical and Chemical Properties

Boiling Range: 123 to 130°C

Specific Gravity: 1.22

Solubility: Water Miscible, Alcohol and Glyme Soluble.

Appearance and Odor: Low viscosity, mobile, yellow liquid. Somewhat odorless.

III. Composition /Information on Ingredients

ThioDigestor/Promoter entail a ready-to-use composition that contains organic nitrogenous oxygenates that react readily with organic sulfur in free and complexed states.

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IV. Health and First Aid Measures

Inhalation: While proximity vapors are not considered harmful, breathing in a confined area should be avoided. Likewise, any mist should not be inhaled.

Ingestion: This product is not inherently toxic, yet it is a severe irritant and highly corrosive composition. Call physician, and first aid with baking soda in water.

Skin Contact: Product is a highly corrosive composition and should be flushed and rinsed immediately with abundant running water for fifteen minutes.

Eye Contact: This product can cause blindness and eye protection should be used at all times. Flush immediately with abundant running water for at least fifteen minutes, and see a physician promptly.

V. Hazards Identification and Fire Fighting Measures

Composition: Reactive blend which is considered hazardous and corrosive.

Flash Point: n/a

Extinguishing Media: While this product composition is not flammable, it can support combustion, and care should be taken to handle it away from any open flame or over heated area.

HMIS Rating:

Health	2
Fire	0
Reactivity	1

VI. Exposure Control/Personal Protection

Respiratory Protection: Regular anti-mist mask is recommended.

Hand and Feet Protection: Must wear heavy duty rubber sleeve gloves and rubber boots

Eye Protection: Must wear chemical goggles or full face shield.

Protective Clothing: Must wear a chemical suit and at least a rubber full apron.

VII. Accidental Release Measures

Spill Procedures: Personal full chemical protection equipment including rubber boots should be worn as indicated under Personal Protection. Rinse immediately with abundant running water.

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VIII. Handling and Storage

Handling Procedures: Must wear protective equipment when handling. Containers should be kept closed in a cool and shaded area when not in use. Wash any spills and run offs immediately with water.

Storage Procedures: Containers should be kept closed in a clean, cool and dry place, away from direct sunlight.

IX. Toxicological Information

ThioDigester/Promoter blends are not considered highly toxic substances, yet they are strongly corrosive and should be treated with all due care. This product does not contain ingredients designated as probable or suspected carcinogens.

X. Environmental Information

ThioDigester/Promoter is a biodegradable product.
Long term effects of this product are considered innocuous to the environment.

XI. Stability and Reactivity

Stability: ThioDigester/Promoter blend is a ready to use composition which must be used promptly upon forming a solution. It cannot be stored indefinitely, and should be prepared at the same rate as it is used. Unused portions must be disposed of and washed with abundant water.

Reactivity: ThioDigester /Promoter blend reacts with sulfur compounds and can oxidize organic matter. It is tolerant of mild acids but not compatible with bases or ferrous substances. It is inert to stainless steel.

Incompatibility: Strong reducing agents and bases.

Hazardous Polymerization: Will not occur. However, it can lead to polymerization of certain resins and vinyl monomers.

Hazardous Combustion Products: This is not a flammable product but can sustain combustion and release nitrogenous oxides and water.

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XII. Disposal Considerations

This material can be disposed as waste water in compliance with local regulations.

XIII. Transport Information

DOT UN 2016

XIV. Availability

This product is available in polyethylene containers. Maximum Capacity is 5 US gallons.

Disclaimer

The information provided herein is believed to be accurate and represents the best knowledge we have. However, we make no warranty or guarantee of any kind, expressed or implied regarding the said information and product, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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