



SAFETY DATA SHEET

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EMERGENCY CONTACT: CHEMTREC
1-800-424-9300 (INTERNATIONAL 1-703-527-3887 – COLLECT CALLS ACCEPTED)

P-SRL

CHEMICAL CODE: P-SRL
PRODUCT NAME: SYNTHETIC RETARDER LIQUID
MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: APRIL 14, 2010



NFPA RATING:

HEALTH HAZARD: 0 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Nominal Composition: (Typical values-not specifications)

CAS Number

PROPRIETARY MIXTURE CONTAINING:

INORGANIC SALT

SODIUM SALT OF ORGANIC ACID

WATER

7732-18-5

SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	Inhibitor	FORM:	Liquid
COLOR:	Amber	ODOR:	None
VAP DENSITY (air=1):	Not available	% SOL. IN WATER:	Soluble 68 °F
pH:	8.4 (68°F) (at 80 g/l)	SP. GRAVITY:	1.1-1.2
POUR PT:	Approximately 32 °F	BOILING POINT:	212 °F
VAP. PRESSURE:	Not available	WT% VOLATILE:	86

SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

CHARACTERISTIC: Will burn at high temperatures

FLASH POINT: Not combustible. METHOD USED: Not applicable

FLAMMABLE LIMITS (STP IN AIR) LFL: Not applicable UFL: Not applicable

EXTINGUISHING MEDIA: Water Fog, Alcohol Foam, CO₂, Dry Chemical

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: Wear protective firefighting clothing and avoid breathing vapors. Use self-contained breathing apparatus in closed areas.



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SECTION 3 - REACTIVITY HAZARDS

STABILITY: Stable

INCOMPATIBILITY: Oxidizers, strong acids.

HAZARDOUS DECOMPOSITION: Phosphorus oxides When heated strongly or burned, oxides of carbon and harmful organic chemical fumes are released.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 4 - FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with water for 15 minutes while holding eyelids open. See a doctor if irritation occurs.

SKIN CONTACT: Wash thoroughly with soap and water. Apply moisturizing cream or lotion to avoid skin dryness. Wash clothes thoroughly before reusing. See a doctor if irritation occurs.

SWALLOWING: If several grams are swallowed, give 2 glasses of milk (preferred) or water and consult physician.

INHALATION: Remove from dusty area to fresh air. See a doctor if effects occur.

NOTES: None

SECTION 5 - HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT CODE: Q6

VENTILATION: General and local ventilation is required.

RESPIRATORY PROTECTION: Use NIOSH approved respirator with dust and mist protection (3M No. 8710).

PROTECTIVE CLOTHING: Clean, body covering clothing and cotton gloves.

EYE PROTECTION: Subject to local safety rules. Chemical goggles required and an eyewash in work area.

EXPOSURE GUIDELINE(S): Not established.



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SECTION 6 - SPILL AND DISPOSAL PROCEDURE

CERCLA REPORTABLE QUANTITY: Not established.

SPECIAL HANDLING: Contain with dikes. Put in steel or plastic drum. Soak up residual on inert absorbent (sand).

DISPOSAL METHOD FOR:

PRODUCT: Ship via permitted waste hauler to permitted hazardous waste disposal facility for incineration (preferred) or disposal well injection of all liquids and landfilling of solids.

CONTAINER: Leave label on drum and sell drum to an approved drum reconditioner or triple rinse, crush, and ship to sanitary landfill unless prohibited by local regulations.

DEGRADABILITY: Not biodegradable

FISH TOXICITY: No information

ANIMAL TOXICITY: Low toxicity to mammals.

SECTION 7 - TOXICOLOGY (ROUTES OF EXPOSURE)

PRINCIPAL HAZARD (E=Eye, S=Skin, I=Inhal.): E

EYE CONTACT: Irritant. May cause pain, redness, discomfort.

SKIN CONTACT: No effect expected. Prolonged or repeated contact may cause mild irritation.

SWALLOWING: No effect expected. Swallowing large amounts may cause illness. LD50 (rats) = greater than 15,000 mg/kg.

INHALATION: No effect expected. Prolonged or repeated exposure may cause mild irritation.

CARCINOGENICITY: Not listed by IARC, USA NTP, or USA OSHA.

MUTAGENICITY: Not known to cause heritable genetic damage.

TERATOGENICITY: Not known to cause birth defects.

TARGET ORGANS WHICH MAY BE AFFECTED: None known.

SENSITIZATION: Not known to cause allergic reaction.

OTHER: Not determined



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SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS: No special precautions required.

PHYSICAL HAZARD: None.

HANDLING AND STORAGE PRECAUTIONS: No special precautions required.

PACKAGING INFORMATION: High density polyethylene (HDPE) drum or can.

ADDITIONAL INFORMATION: None

The information herein is believed to be accurate and is presented in good faith; however, no warranties or representations are made by Petrochem, Inc. regarding the accuracy or completeness of the information.



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SHIPPING INFORMATION

ID NUMBER (UN # OR NA #): FLASH PT. Not combustible.
BOILING PT. 212°F

ICC TARIFF CLASSIFICATION: Compound, Gas or Oil Well Drilling
ICC Item Number: 138640 ICC Class: 50 LTL TL

DEPARTMENT OF TRANSPORTATION - DOT

Description: Not Regulated
Hazard Class: Not Regulated
Shipping Name: Not Regulated
DOT Label:
Comment:
DS Tank Ex. #: N/A
CERCLA RQ: Not established

US FOREIGN TRADE SCHEDULE B# (EXPORT): 431.2090

CANADIAN SHIPMENTS -

Shipping name:
Special Provision:
Classification:

ICAO Class: Pkg Group:

WATER SHIPMENT (IMO)

Shipping Name: Not regulated

Label(s):
Class: Pkg Group: IMDG Page:

MARPOL:

AIR SHIPMENTS (IATA)

Shipping Name: Not regulated

Label(s)
Class: Sub Risk: Pkg Group:
Passenger Aircraft Pkg. Instr. Max. Net Qty. /Pkg.
Cargo Aircraft Only Pkg. Instr. Max. Net Qty. /Pkg.

EUROPEAN ECONOMIC COMMUNITY (EEC)

Risk Phrases: Safety Phrases: 26 (IR) A1

Classification (Label):

Label Description:
ADR Class: Not regul. RID Class: TREM Card:

Hazard Classification:

Comment: