



MATERIAL SAFETY DATA SHEET

Petrochem USA, Inc.
4111-D, N.W. 132nd Street, Miami Florida 33054

EMERGENCY CONTACT: CHEMTREC
1-800-424-9300 (International 1-703-527-3887 – Collect Calls accepted)

P-500

CHEMICAL CODE: P-500

PRODUCT NAME: STABILIZER FOR P-1000

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EFFECTIVE DATE: November 07, 1988

NFPA RATING:

Health Hazard: 2 Flammability: 1 Reactivity: 0 Other: None

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

Nominal Composition:

PROPRIETARY AMMONIUM SALT OF A SULFONATED
ORGANIC POLYMER IN WATER

CAS Number

SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	Polymer	FORM:	Viscous Liquid
COLOR:	Clear	ODOR:	Slight Odor
VAP DENSITY (air=1):	> 1	% SOL. IN WATER:	100 (Soluble)
pH:	7-8 at 100 wt/wt%	S.P GRAVITY:	1.06 at 25 C (77 F)
POUR PT:	47 F (8.3C)	BOILING POINT:	212 F (100 C) at 760 mmHg
VAP. PRESSURE:	< 23 mmHg at 25C (77F)	WT% VOLATILE:	<70

SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

CHARACTERISTIC: Will burn at high temperatures

FLASH POINT: > 200 deg F > 93 deg C **METHOD USED:** Closed cup

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

EXTINGUISHING MEDIA: Recommended: Dry Chemical, Carbon Dioxide, Foam, and Water Fog.

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus, full protective fire fighting clothing and avoid breathing vapors.



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SECTION 3 - REACTIVITY HAZARDS

STABILITY: This material is stable under normal handling and storage conditions.

INCOMPATIBILITY: Strong Oxidizing agents, strong reducing agents.

HAZARDOUS DECOMPOSITION: When heated strongly or burned, oxides of carbon sulfur oxides, nitrogen oxides, ammonia and harmful organic fumes are released, (avoid heat, open flame, and spark).

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 at once.

SKIN CONTACT: Wash thoroughly with soap and water. See a doctor if irritation occurs. Wash clothes thoroughly before reusing.

SWALLOWING: If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

INHALATION: If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

NOTES: Skin contact may aggravate existing skin disease.

SECTION 5 - HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT CODE: Q0

VENTILATION: General ventilation is required if mist is generated.

RESPIRATORY PROTECTION: When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

SKIN/PROTECTIVE CLOTHING: Clean (suitable) body-covering clothing and rubber gloves.

EYE PROTECTION: Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Eye Contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.

EXPOSURE GUIDELINE(S): Not established.



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SECTION 6 - SPILL AND DISPOSAL PROCEDURE

CERCLA REPORTABLE QUANTITY: Not established.

SPECIAL HANDLING: Absorb with an inert absorbent, or flush residual with plenty of water. Shovel up into an appropriate closed container or contain with dikes. Put in steel or plastic drum.

DISPOSAL METHOD FOR:

PRODUCT: Inject in disposal well (preferred). Do not flush in drain. Spills may be reportable to the National Response Center (800-424-8802) and to state/or local agencies.

EPA Hazardous Waste Number: None

CONTAINER: Sell to approved drum reconditioner or render container unusable by puncturing or crushing. Send to sanitary landfill unless prohibited by local regulations.

DEGRADABILITY: No information.

FISH TOXICITY: No information.

ANIMAL TOXICITY: Low toxicity to mammals.

SECTION 7 - TOXICOLOGY (ROUTES OF EXPOSURE)

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

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

SKIN CONTACT: Low acute dermal toxicity. Slightly irritating. May cause redness, irritation.

SWALLOWING: No effect expected. Swallowing large amounts may cause illness. LD50 (rats) is greater than 67,800 mg/kg. Practically non-toxic.

INHALATION: Inhalation not likely. Mists may cause respiratory tract irritation. Prolonged or repeated exposure may cause mild irritation.

OTHER: This product does not contain ingredient designated by IARC, NTP, ACGIH, or OSHA as probable or suspected human carcinogens.



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SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS: None.

PHYSICAL HAZARD: None.

HANDLING AND STORAGE PRECAUTIONS: No special precautions required.

PACKAGING INFORMATION: Steel or plastic 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. > 200 deg F, > 93 deg C

BOILING PT. > 212 F (100 C) at 760 mmHg

ICC TARIFF CLASSIFICATION: Compound, Gas or Oil Well Drilling

ICC Item Number: 138640

ICC Class: 50 LTL 35 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): 433.1095

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:

Classification (Label):

Label Description:

ADR Class: Not Regul.

RID Class:

TREM Card:

Hazard Classification:

Comment: