



MATERIAL SAFETY DATA SHEET

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P-1000

CHEMICAL CODE: P-1000

PRODUCT NAME: GAS CONTROL ADDITIVE

MATERIAL SAFETY DATA SHEETS

EFFECTIVE DATE: APRIL 16, 2002

NFPA RATING:

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

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

Nominal Composition:

PROPRIETARY POLYMER DISPERSION IN WATER

CAS Number

TNO

SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	Plastic	FORM:	Liquid
COLOR:	White	ODOR:	Mild
VAP DENSITY (air=1):	> Not determined	% SOL. IN WATER:	Dispersible
pH:	7-8	S.P GRAVITY:	1.02
POUR PT:	32 F (0 C)	BOILING POINT:	212 °F (100 °C)
VAP. PRESSURE:	Not Determined	WT% VOLATILE:	50

SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

CHARACTERISTIC: Will burn at high temperatures

FLASH POINT: > 200 deg F > 93 deg C METHOD USED: Not determined

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

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

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: Wear protective fire fighting 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. Addition of chemicals may cause material to thicken.

HAZARDOUS DECOMPOSITION: When heated strongly or burned, oxides of carbon and harmful 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 at once.

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

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

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

NOTES: None

SECTION 5 - HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT CODE: Q1

VENTILATION: General ventilation as needed.

RESPIRATORY PROTECTION: None normally needed. If dust or mist is generated use NIOSH approved respirator with dust and mist protection (3M No. 8710).

PROTECTIVE CLOTHING: Clean, body-covering clothing and rubber gloves.

EYE PROTECTION: Chemical goggles required and an eye wash 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: Solids may be sanitary landfilled. Liquids may be incinerated or injected in disposal well.

EPA Hazardous Waste Number: None.

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: 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.): E,S

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

SKIN CONTACT: Irritant. May cause pain, redness, dermatitis. Not likely to be absorbed in toxic amounts. Sensitizer.

SWALLOWING: No effect expected. Swallowing large amounts may cause illness.

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

OTHER: None.



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SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS: None.

PHYSICAL HAZARD: None.

HANDLING AND STORAGE PRECAUTIONS: Avoid Freezing; Freezing may destroy emulsion. Store between 40 deg.F (4 deg C) and 120 deg F (49 deg C).

PACKAGING INFORMATION: Steel or plastic drum.

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 USA, 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)

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): 444.2050

CANADIAN SHIPMENTS -

Shipping name:

Special Provision:

Classification:

ICAO Class: - **Pkg Group:**

WATER SHIPMENT (IMO)

Shipping Name: Not a Dangerous Good.

Label(s):

Class: **Pkg Group:** **IMDG Page:**

MARPOL:

AIR SHIPMENTS (IATA) -

Shipping Name: Not a Dangerous Good.

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:** A1 A3 26 (IR) 28 (W/S)

Classification (Label):

Label Description:

ADR Class: Not Regul. **RID Class:** **TREM Card:**

Hazard Classification:

Comment: A1= Exercise reasonable care and cleanliness; A3= Wash contaminated clothes before reuse; S26 (IR) =S26..if irritation persists; S28 (W/S)=S28..water and soap.