



# MATERIAL SAFETY DATA SHEET

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## P-2000

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CHEMICAL CODE: P-2000  
PRODUCT NAME: GAS CONTROL ADDITIVE  
MATERIAL SAFETY DATA SHEET

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  
WITH AN AMMONIUM SALT OF SULFONATED  
ORGANIC POLYMER.

### CAS NUMBER

TNO

### SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	PLASTIC /POLYMER	FORM:	LIQUID
COLOR:	WHITE	ODOR:	MILD
VAP DENSITY (AIR=1):	> NOT DETERMINED	% SOL. IN WATER:	100
PH:	7-9	S.P GRAVITY:	1.03
POUR PT:	47 F (8.3C)	BOILING POINT:	212 °F (100 °C)
VAP. PRESSURE:	NOT DETERMINED	WT% VOLATILE:	<60

### 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, AND 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, ACIDS. ADDITION OF CHEMICALS MAY CAUSE MATERIAL TO THICKEN.

**HAZARDOUS DECOMPOSITION:** WHEN HEATED STRONGLY OR BURNED, OXIDES OF CARBON SULFUR OXIDES, NITROGEN OXIDES, AMMONIUM AND HARMFUL ORGANIC 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, AND DISCOMFORT.

**SKIN CONTACT:** IRRITANT. MAY CAUSE PAIN, REDNESS, AND 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.

## 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.

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