



# MATERIAL SAFETY DATA SHEET

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## P-ASA

CHEMICAL CODE: P-ASA  
PRODUCT NAME: ANTI-SETTLING AGENT  
MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: November 09, 2000

### NFPA RATING:

Health Hazard:      Flammability:      Reactivity:      Other: None

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

### Nominal Composition:

Proprietary Composition

### CAS Number

## SECTION 1 - PHYSICAL DATA

CHEMICAL NATURE:	Proprietary	FORM:	Powder
COLOR:	Grey/White	ODOR:	Slight Odor
VAP DENSITY (air=1):	Not Available	% SOL. IN WATER:	5%
pH:	approx. neutral (1% solution)	SP. GRAVITY:	2.53
POUR PT.:	Not available	BOILING POINT:	Not available
VAP. PRESSURE:	Not available	WT% VOLATILE:	Not available

## SECTION 2 - FIRE AND EXPLOSION HAZARD DATA

CHARACTERISTIC: Dust may be explosive when suspended in air.

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

FLAMMABLE LIMITS (STP IN AIR) LFL: 28 g/m<sup>3</sup>    UFL: Not determined

EXTINGUISHING MEDIA: Water Fog, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water.

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: Wear protective fire fighting clothing and avoid breathing vapors. Use self-contained breathing apparatus in closed areas. Slick when wet. Dust explosion hazard.

## SECTION 3 - REACTIVITY HAZARDS

STABILITY: Product is stable under normal conditions of storage and handling. Store in a cool, dry place to maintain product performance.

INCOMPATIBILITY: Strong oxidizing materials.

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

HAZARDOUS POLYMERIZATION: Will not occur.



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### **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:** Immediately wash with soap and water. See a doctor if irritation occurs. Wash clothes thoroughly before reusing.

**SWALLOWING:** If several grams are swallowed, induce vomiting with ipecac (preferred), or by giving water and sticking finger down throat. After vomiting give milk (preferred), or water and consult physician.

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

**NOTES:** Toxicology studies have shown this or similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### **SECTION 5 - HANDLING PRECAUTIONS**

**PROTECTIVE EQUIPMENT CODE: Q1Q6**

**VENTILATION:** General and local ventilation is required to control dust.

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

**PROTECTIVE CLOTHING:** Clean, body-covering clothing plus gloves.

**EYE PROTECTION:** Chemical goggles required and an eye wash in work area.

**EXPOSURE GUIDELINE(S):** TLV = TWA 10 mg/m<sup>3</sup> for total dust.

### **SECTION 6 - SPILL AND DISPOSAL PROCEDURE**

**CERCLA REPORTABLE QUANTITY:** Not established.

**SPECIAL HANDLING:** Scoop into containers. Avoid generating dust, keep away from heat, sparks and flame.

Use water carefully; slick when wet. If vacuum sweeper is used, it must be rated to handle explosive dusts.

**DISPOSAL METHOD FOR:**

**PRODUCT:** Hazardous waste landfill. Material may be acceptable in some sanitary landfills; check local regulations.

**EPA Hazardous Waste Number:** None.

**CONTAINER:** Send empty bags to sanitary landfill. Render other types of containers unusable by puncturing or crushing and send to sanitary landfill.



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**DEGRADABILITY:** 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, chapping of the skin.

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

**INHALATION:** Inhalation of the dust may cause coughing and sneezing. Prolonged or repeated exposure may cause mild irritation.

**OTHER:**

### **SECTION 8 - SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION**

**SPECIAL PRECAUTIONS:** None.

**PHYSICAL HAZARD:** Fire, dust, water slick.

**HANDLING AND STORAGE PRECAUTIONS:** Avoid wetting spilled material. Avoid generating dust.

**PACKAGING INFORMATION:** Paper bag. (Minimum 3 ply), or other container designed for powders and granulated materials.

**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.** Not applicable

**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:**  
**DOT Label:**  
**Comment:**  
**DS Tank Ex. #:** N/A  
**CERCLA RQ:** Not established.

**US FOREIGN TRADE SCHEDULE B# (EXPORT):** 492.1840

#### **CANADIAN SHIPMENTS -**

**Shipping name:**  
**Special Provision:**  
**Classification:** **ICAO Class:** **Pkg Group:**

#### **WATER SHIPMENT (IMO) -**

**Shipping Name:**  
**Label(s):**  
**Class:** **Pkg Group:** **IMDG Page:**  
**MARPOL:**

#### **AIR SHIPMENTS (IATA) -**

**Shipping Name:**  
**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:** **RID Class:** **TREM Card:**  
**Hazard Classification:**  
**Comment:**