



## MATERIAL SAFETY DATA SHEET

### SECTION 1 : PRODUCT IDENTIFICATION AND USE

**PRODUCT NAME :** Penetone 1005D

**USE :** Demulsifier

**GENERIC INGREDIENTS :**

Xylene

**MANUFACTURER'S NAME & ADDRESS :**

WEST PENETONE

11411 - 160 Street

EDMONTON, ALBERTA, T5M 3T7

**WHMIS CLASSIFICATION :** B2, D2A

**EMERGENCY TELEPHONE NUMBERS :** WEST PENETONE : (780) 454-3919

CANUTEC : (613) 996-6666

### SECTION 2 : HAZARDOUS INGREDIENTS SECTION

	<u>%</u>	<u>CAS # :</u>	<u>TLV/LD50 OF MATERIAL</u>
Xylene	60-100	1330-20-7	TLV = 100ppm in air
Formalin, polymer with methyloxirane, 4-nonylphenol and oxirane	10-20	63428-92-2	LD50 >2,000mg/kg
Methyloxirane polymer	10-20	9003-11-6	LD50 = >5,000mg/kg

### SECTION 3 : PHYSICAL DATA

**BOILING POINT :**

Not available

**FREEZING POINT :**

Approx. <-40°C

**EVAPORATION RATE, Acetone = 1 :**

Not available

**SOLUBILITY IN WATER :**

Complete

**SPECIFIC GRAVITY AT 20°C :**

0.75 to 0.85

**ODOR AND APPEARANCE :**

Tan liquid, aromatic odour

**ODOR THRESHOLD :**

Not applicable

**VAPOR PRESSURE, mm Hg AT 20°C :**

Not available

**VAPOR DENSITY (Air = 1) :**

Not available

**WT% ORGANIC VOLATILES :**

Approx. 50

**pH :**

NA

**PHYSICAL STATE :**

Liquid

**COEFFICIENT OF WATER/OIL DISTRIBUTION :**

Not available

### SECTION 4 : FIRE & EXPLOSION HAZARDS

**FLASH POINT :** <37.8°C

**FLAMMABLE LIMITS :**

UPPER : Not available

LOWER : Not available

**AUTO IGNITION TEMPERATURE :** Not available

**CONDITIONS OF FLAMMABILITY :** Flammable. May form explosive air-vapour mixture at elevated temperatures

**MEANS OF EXTINCTION :** Water fog, CO<sub>2</sub>, foam, dry chemical

**HAZARDOUS COMBUSTION PRODUCTS :** Oxides of carbon and nitrogen when burning

**EXPLOSION DATA :**

**SENSITIVITY TO STATIC DISCHARGE :** Not available

**SENSITIVITY TO MECHANICAL IMPACT :** Not available

### SECTION 5 : REACTIVITY DATA

**CONDITIONS OF STABILITY :**

Product is stable

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID :**

Strong acids, bases and oxidizing agents

**REACTIVITY :**

Not reactive

**HAZARDOUS DECOMPOSITION PRODUCTS :**

Oxides of carbon and nitrogen when burning

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**SECTION 6 : TOXICOLOGICAL PROPERTIES**

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**ROUTE OF ENTRY:**

Inhalation  
Eyes, skin (acute)  
Ingestion

**CARCINOGENICITY:** Not available**REPRODUCTIVE TOXICITY:** Not available**TERATOGENICITY:** Not available**MUTAGENICITY:** Not available**ACUTE HEALTH EFFECTS:**

Overexposure to vapour may cause loss of consciousness, lachrymation and pulmonary oedema . May cause irritation, burns, and permanent damage to eyes and skin. Ingestion may cause irritation of gastrointestinal tract, nausea, vomiting, blindness and possible death.

**EFFECTS OF CHRONIC EXPOSURE:**

None known

**EXPOSURE LIMITS:**

See Section 2

**IRRITANCY OF PRODUCT:**

See under acute health effects

**SENSITIZATION:**

Not available

**TOXICOLOGICALLY SYNERGISTIC PRODUCT:**

None

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**SECTION 7 : FIRST AID MEASURES**

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**EYE CONTACT :**

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

**SKIN CONTACT :**

Wash with soap and water. Consult physician if irritation develops or persists.

**INHALATION :**

Give fresh air or artificial respiration. Consult physician.

**INGESTION :**

Administer 1-2 glasses of water. **DO NOT** induce vomiting. Seek medical attention. Never administer fluids orally to an unconscious person.

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**SECTION 8 : PREVENTIVE MEASURES**

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**PERSONAL PROTECTION :**

Cartridge respirators for organic vapours if exposure limits are exceeded. Splash proof goggles. Rubber or plastic gloves.

**ENGINEERING CONTROLS :**

Positive exhaust ventilation required for enclosed areas.

**WASTE DISPOSAL :**

Consult local and / or provincial authorities.

**SPILL CONTROL MEASURES :**

Extinguish all ignition sources. Absorb with inert material and dispose of in accordance with local and / or provincial legislation.

**STORAGE AND HANDLING PROCEDURES :**

Store in a cool dry area, away from all sources of heat or sparks. Use adequate ventilation and ensure dermal exposure is prevented.

**SPECIAL SHIPPING INFORMATION :**

T.D.G. Classification: Flammable Liquid N.O.S. (Xylene), Class 3, UN 1993, P.G. II

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**SECTION 9 : PREPARATION INFORMATION**

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**PREPARED BY :** Ken Spearing

Production Chemistry Div.

**PHONE NO :** (780) 454-3919**DATE :** Feb. 22, 2011**VERSION:****SUPERCEDES:****REVISION SUMMARY:**

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES CONSULTANT.  
FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL: (780) 454-3919

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