

# MATERIAL SAFETY DATA SHEET

## WWT1-4864B

Latest Revision Date: 05/18/05

### SECTION 1                      MANUFACTURER INFORMATION

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### SECTION 2                      PRODUCT IDENTIFICATION

PRODUCT NUMBER.....4864B  
TRADE NAME OR CHEMICAL NAME..... WWT1-4864B  
SYNONYMS.....NA  
CHEMICAL FAMILY.....Cationic, Polyacrylamide in Water-in-Oil Emulsion  
NFPA- HEALTH HAZARD.....2  
      FIRE HAZARD.....1  
      REACTIVITY HAZARD.....0  
NFPA SCALE.....4= EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT  
KEY.....NA= Not Applicable NF= Not Determined

### SECTION 3                      HAZARDOUS IDENTIFICATION

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% WT.</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>CARCINOGEN?</u>
Cationic, Polyacrylamide Copolymer	69418-26-4		----	----	NO
Petroleum Distillate	64742-47-8		----	----	NO
Nonionic Surfactants					NO

### SECTION 4                      SHIPPING DATA

D.O.T. PROPER SHIPPING NAME.....NA  
D.O.T. HAZARD CLASS.....NA  
D.O.T. LABELS REQUIRED.....NA  
UN/NA I.D. NUMBER.....NA  
PACKAGING GROUP.....NA  
NON-BULK SHIPPING NAME.....Resin Compound  
BULK SHIPPING NAME.....Same

### SECTION 5                      PHYSICAL DATA

BOILING/ FREEZING POINT @ 760 mmHg.....212°F/ <32°F  
pH.....8.0  
VAPOR PRESSURE mmHg @ 20°C.....Not Available  
VAPOR DENSITY (Air=1).....>1  
SPECIFIC GRAVITY @80°F.....1.01 to 1.05  
SOLUBILITY IN WATER.....Soluble  
EVAPORATION RATE (n-Butyl Acetate=1).....<1  
VISCOSITY (Brookfield RVT sp#3 @ 50 rpm)....400 to 1000 cP  
APPEARANCE AND ODOR.....Semi-translucent to opaque, off-white liquid with slight hydrocarbon odor.

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### SECTION 6 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (PENSKEY-MARTEN C.C.).....> 200°F  
AUTOIGNITION TEMPERATURE.....NA  
FLAMMABILITY LIMITS IN AIR (% V).....NA  
EXTINGUISHING MEDIA.....Use water to cool fire-exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire.  
SPECIAL FIRE FIGHTING PROCEDURES.....NA  
UNUSUAL FIRE & EXPLOSION HAZARDS.....None unusual.

### SECTION 7 REACTIVITY DATA

PRODUCT STABILITY.....Stable  
Conditions To Avoid.....NA  
CHEMICAL INCOMPATIBILITY.....Strong oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS.....None  
HAZARDOUS POLYMERIZATION.....Will Not Occur

### SECTION 8 HEALTH HAZARD DATA

SKIN CONTACT.....May be irritating to the skin. Low order of toxicity.  
EYE CONTACT.....Irritating, but does not injure eye tissue.  
INHALATION.....Irritating to respiratory tract in high concentrations. Repeated and prolonged over exposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.  
INGESTION.....Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchiopneumonia or pulmonary edema. May result in gastrointestinal irritation, nausea and diarrhea.

### SECTION 9 EMERGENCY AND FIRST AID PROCEDURES

SKIN.....Remove contaminated clothing and flush exposed skin with soap and water. If irritation persists or develops, get medical attention. Launder contaminated clothing before reuse.  
EYES.....Immediately flush eyes with large amounts of water for 15 minutes and seek medical attention.  
INGESTION.....If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately.  
INHALATION.....Move to fresh air. If necessary, seek medical attention.

### SECTION 10 ENVIRONMENTAL DATA

SPILL OR LEAK PROCEDURES.....Spills of this material are very slippery. Use caution around the spill area. Flush with large amounts of water to sanitary sewer.  
WASTE DISPOSAL METHOD.....Dispose of in accordance with all federal, state and local regulations.  
HAZARDOUS WASTE 40CFR261.....NA  
CONTAINER DISPOSAL.....Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse or disposal in accordance with governmental regulations.

### SECTION 11 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....Respirator not required with most applications.  
VENTILATION.....Local exhaust is generally sufficient to minimize exposure.  
PROTECTIVE CLOTHING.....Chemical resistant gloves may be worn, but not required.  
EYE PROTECTION.....Chemical goggles.  
OTHER PRECAUTIONS.....Safety shower and eyewash fountains should be easily accessible.

### SECTION 12 SUPPLIER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. The data on this sheet relates only to the specific material designated herein. Manufacturer assumes no legal responsibility for use or reliance upon this data.