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# Mercury Chemical Corporation

## MATERIAL SAFETY DATA

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### SECTION 1:           PRODUCT IDENTIFICATION

**Material Name (Trade Name):** Antioxidant ZNM

**Product Code #**       **FCSA-028b**

**Manufacturer:**       **Mercury Chemical Corporation**

**Chemical Name:**     **Blended product**

**Chemical Family:**   **Scouring agent**

**Emergency Telephone Numbers:** **(336)226-9152**

**MSDS Number:**      **001**

**Effective Date:**     **9/6/07**

**Revision #:**         **001**

### SECTION 2:           INGREDIENTS

<u>Material/CAS</u>	<u>%</u>	<u>Health Hazard Data</u>
Polyoxyethylene C12-C14 Ether	>70%	Irritant

**EMERGENCY PHONE:**   **(336)226-9152**

**Mercury Chemical Corporation, P. O. Box 2773, Burlington, NC 27216-2773**

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### SECTION 3:           PHYSICAL DATA

**Boiling Point:** Not determined  
**Solubility in Water:** Appreciable (>10%)  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**% Volatile by Weight:** Not determined  
**pH: (neat) :** 5.5 @ 1%  
**Appearance/Odor:** Colorless to slight yellow liquid with mild odor.

#### **SECTION 4: FIRE AND EXPLOSION DATA**

**Flash Point (F):** >200 deg. F  
**Flammable Limits (%):** Not known  
**Extinguishing Media:** Water spray, dry chemical and foam

#### **Special Firefighting Procedures:**

**Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.**

#### **Unusual Fire and Explosion Hazards:**

**None expected.**

#### **SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID**

**Toxicology:** No components are listed as carcinogens

**Exposure Standards:** None known

#### **Signs and Symptoms of Exposure:**

**Contact with the eyes and skin causes irritation and redness. Ingestion may cause headache, nausea and/or vomiting. Contact with skin may cause redness and irritation.**

**Prolonged exposures to vapors may be irritating to nose, throat and respiratory tract producing symptoms of dizziness, headache and nausea.**

#### **FIRST AID**

**Eye Contact:**

**Immediately flush eyes with copious quantities of water for a minimum of fifteen (15) minutes. Use fingers to separate eyelids to assure that the eyes are being irrigated. Process should begin within one minute of eye contact. Call a physician.**

**Skin Contact:**

**Wash exposed skin with copious quantities of soapy water. Remove all contaminated clothing and wash before re-use**

**Inhalation:**

**Remove to fresh air. If breathing impaired, assisted respiration (mouth to mouth) may be indicated as well as supplemental oxygen. Seek medical attention.**

**Ingestion:**

**If swallowed, call a physician immediately. Induce vomiting or remove stomach contents by gastric suction only as directed by medical personnel. Give 1-2 glasses of water to dilute. Never give anything by mouth to an unconscious person.**

**SECTION 6: REACTIVITY DATA**

**Stability: Generally stable**

**Conditions to Avoid: Keep away from heat and flames.**

**Incompatibility (Materials to Avoid): Strong acid agents**

**Hazardous Decomposition or By-Products: Oxides of carbon and nitrogen**

**Hazardous Polymerization: Does not occur.**

**SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES**

**Steps to be taken in case material is released or spilled:**

**Contain spill and ventilate area, Absorb on inert media and containerize for disposal and prevent spill from entering natural watercourses.**

**Waste Disposal Method:**

**Dispose in approved landfill. Comply with all federal, state and local regulations.**

**Precautions to be taken when handling and storing:**

**Keep away from oxidizers, heat or flames. Keep in a cool, dry ventilated storage and in closed containers. Do not store in aluminum containers. Avoid contact with skin, eyes and clothing.**

**SECTION 8: SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:**

**Keep container closed. Avoid prolonged breathing of vapors or mists. In poorly ventilated areas, masks of the cartridge type (NIOSH) approved for organic vapors are recommended. Generally, respiratory protection is unnecessary provided there is adequate ventilation.**

**Eye Protection:**

**Chemical safety goggles to be used when working with mists, dust or liquids.**

**Other Protective Clothing and Equipment:**

**Eye wash stations readily accessible  
Safety shower  
Long sleeved clothing**

**Work and Hygienic Practices:**

**Wash at the end of each workshift and before eating, smoking or using the toilet. Change work clothing daily before leaving the work place.**

**SECTION 9: SPECIAL PRECAUTIONS & HANDLING INFORMATION**

**Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Keep container closed.**



**Material** **CAS#** **Concentration (%)**

**MASSACHUSETTS Right-To-Know, Substance Inventory (MSL) lists hazardous substances and extraordinarily hazardous substances which must be identified when present in products. (>+=0.0001%)**

**Components present in this product at a level which could require reporting under this statute are:**

**Extraordinarily Hazardous Substances**

**Material** **CAS#** **Concentration (%)**

**Other Hazardous Substances**

**Material** **CAS#** **Concentration (%)**

**PENNSYLVANIA Right-To-Know, Hazardous Substances Inventory lists hazardous substances and special hazardous substances which must be identified when present in products.**

**Components present in this product at a level which could require reporting under this statute are:**

**Material** **CAS#** **Concentration (%)**

**NEW JERSEY Worker and Community Right-To-Know Act Hazardous Substance Inventory lists hazardous components present in this product which could require reporting under this statute are:**

**Material** **CAS#** **Concentration (%)**

**SECTION 11:       TRANSPORTATION INFORMATION**

**DOT Proper Shipping Name:       Cleaning liquid compound**

**DOT Exceptions and Additional Labels Required: None**

**Other Labeling Information: None**

**Reportable Quantity:   N/A**

**Freight Class: 55**

**The information contained herein is based on the data available to us and is believed to be correct. However, MERCURY CHEMICAL CORPORATION makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. MERCURY CHEMICAL CORPORATION assumes no responsibility for injury from the use of the product described herein.**

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