



SAFETY DATA SHEET

#32-301 / #32-316 – Concentrated Evaporation Retarder

Revision Date: May 19, 2015

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Concentrated Evaporation Retarder
Other Means of Identification: #32-301; #32-316
Recommended Use: Evaporation retarder for concrete placement

Supplier of the Safety Data Sheet Including Address

Bon Tool Co
DBA Bonway
44430 Gibsonia Rd
Gibsonia PA 15044

Telephone Numbers

Company Phone Number: 800-444-7060; 724-443-7080
Fax: 800-444-7065

Emergency Telephone – 24 Hr. Chem-Tel: 800-255-3924

SECTION 2 HAZARD IDENTIFICATION

Category 2B Eye Irritation

Signal Word:

Warning

Hazard Statements:

H320 Causes eye irritation

Precautionary Statement:

Prevention:

P280 Wear eye protection

P270 Do not eat, drink, or smoke while using this product.

Response:

P301+P314 IF SWALLOWED: Get medical advice if you feel unwell.

P302+P353 IF ON SKIN: Rinse skin with water.

P305+ P351+P338+P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Get medical advice if you feel unwell.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Dihydrogen Oxide	7732-18-5	Not established	Not established	95.0 – 100.0
Hydroxystearic Acid	106-14-9	Not established	Not established	1.0 – 5.0
Fatty Alcohol	67762-30-5	Not established	Not established	1.0 – 5.0
Fatty Alcohol	67762-27-0	Not established	Not established	1.0 – 5.0
Fatty Alcohol	143-28-2	Not established	Not established	1.0 – 5.0
Tetrahydro-1,4-oxazine	110-91-8	Not established	Not established	0.0 – 0.5

SECTION 4 FIRST AID MEASURES

Emergency First Aid Procedures

Skin: Clean area with soap and water. If irritation develops, get medical attention.

Eyes: Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if present and easy to do – continue rinsing. If irritation develops, get medical attention.

Inhalation (mist): Move to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.

Ingestion: Do not induce vomiting. Get medical advice if you feel unwell.

SECTION 5 FIREFIGHTING PROCEDURES

Extinguishing Media: Dry chemical, CO₂, foam, water fog

Flash Point (TCC): N/A

Flammable Limits (% volume in air for solvents): LEL=N/A UEL=N/A

Special Fire Fighting Procedures: Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

SECTION 6 SPILL OR LEAK PROCEDURES

Steps to Take if Material is Released or Spilled: No health effects expected from the clean-up of the material.

Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

SECTION 7 HANDLING AND STORAGE

Normal Handling: Always use good industrial hygiene practices and safety guidelines.

Storage: Store material in its original container in areas that will be safe from freezing or high (100 F) temperatures. Keep containers tightly closed when not in use.

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Avoid freezing. Store in a cool, dry place with adequate ventilation.

SECTION 8 PROTECTION INFORMATION

Respiratory Protection: Use NIOSH-approved respirator when the chance of mist inhalation is present.

Ventilation: Provide adequate mechanical ventilation to keep mist levels low.

Protective Gloves: Wear impervious chemical gloves.

Eye Protection: Wear chemical safety glasses.

Other Protective Clothing or Equipment: As needed to prevent repeated/prolonged contact.

Work/Hygienic Practices: Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

SECTION 9 PHYSICAL DATA

Appearance: Greenish milky viscous liquid

Odor: Mild fatty acid

Odor Threshold: No data available

pH: 9.0

Freezing/Melting Point: Not determined

Boiling Point: 212° F

Flash Point: >212° F

Evaporation Rate: Not determined

Flammability (solid, gas): Non-flammable liquid

Upper/lower Flammability: Not determined

Vapor Pressure: Not determined

Vapor Density: No data available

Relative Density: 1.00 g/cc

Solubility: Miscible with water

Partition Coefficient: Not determined

Auto-ignition Temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

SECTION 10 REACTIVITY DATA

Reactivity: Stable.

Conditions to avoid: None known.

Hazardous decomposition products: Produces normal products of combustion

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICITY DATA

Carcinogen: No.

Routes of Exposure: Inhalation (mist), ingestion, eyes, and skin.

Acute Toxicity Lethal Doses (ATE):

LC50 (inhl) No data available

LD50 (oral) No data available

LD50 (skin) No data available

Health Hazards:

Acute: May cause eye irritation. Inhalation of vapor/mist may irritate nose and throat. Ingestion of large quantities may cause nausea.

Chronic: Prolonged and repeated exposures may cause skin irritation. Repeated ingestion or swallowing large amounts may cause internal injury.

Skin Contact: Prolonged or repeated contact may cause mild irritation.

Eye Contact: Direct contact may cause mild eye irritation.

Inhalation (mist): May cause mild irritation.

Ingestion: May cause nausea, abdominal discomfort.

Carcinogen: No.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

SECTION 12 ECOLOGICAL DATA

Acute Toxicity to Fish: No data available

Acute Toxicity to Aquatic Invertebrates: No data available

Toxicity to Aquatic Plants: No data available

Toxicity to Microorganisms: No data available

Chronic Toxicity to Fish: No data available

Chronic Toxicity to Aquatic Invertebrates: No data available

Persistence and Degradability: Expected to degrade readily and rapidly in the presence of oxygen

Bioaccumulation Potential: This material is not expected to bioaccumulate

Mobility in the Soil: No data available

Other Adverse Effects: None established

SECTION 13 DISPOSAL INFORMATION

Waste Disposal Method: Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

SECTION 14 TRANSPORT INFORMATION

All Modes:

Proper Shipping Name: Non-Regulated Material

Hazard Class: N/A

UN: N/A

Packing Group: N/A

Marine Pollutant: No

SECTION 15 REGULATORY INFORMATION

SARA 311/312: Yes. Acute.

CHEMICAL INVENTORIES

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Proposition 65 Carcinogens and Reproductive Toxins: None

Canadian WHMIS Classification: Not classified

SECTION 16 ADDITIONAL INFORMATION

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.