



P.O. Box 195, Brownsburg, IN 46112
 Ph: 317-852-8966
Emergency Telephone No: 800-535-5053

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name or Chemical Name.....**2451**
 Synonyms.....N/A
 Chemical Family.....Microbiocide
 NFPA – Health Hazard.....1
 Fire Hazard.....0
 Reactivity Hazard.....0
 NFPA Scale.....4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

II. HAZARDOUS INGREDIENTS

<u>Chemical Name(s)</u>	<u>CAS Number</u>	<u>% Wt</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>SEC.313</u>	<u>Carcinogen?</u>
Polyoxyethylene Dimethyliminio Quaternary	31075-24-8	<20	NE	NE	No	No

III. SHIPPING DATA

DOT Proper Shipping Name:.....N/A
 DOT Hazard Class.....N/A
 DOT Labels Required.....N/A
 UN/NA ID Number.....N/A
 Packaging Group.....N/A
 Non-Bulk Shipping Name.....Compound, Industrial Process Water Treatment, Liquid
 Bulk Shipping Name.....Same

IV. PHYSICAL DATA

Boiling/Freezing Point @760 mmHg.....212°F (100°C)/ 32°F (0°C)
 pH.....5 - 7
 Vapor Pressure mmHg @20°C.....ND
 Vapor Density (Air=1).....>1
 Percent Volatile by Weight (%).....85
 Specific Gravity @20°C.....1.03
 Solubility in Water.....Completely miscible
 Evaporation Rate.....(Water=1) <1
 Appearance and Odor.....Clear yellow liquid with slight odor.

V. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method).....None below 212°F (100°C)
 Autoignition Temperature.....N/A
 Flammability Limits in Air (% V).....N/A
 Extinguishing Media.....Water fog, carbon dioxide, foam, dry chemical
 Special Fire Fighting Procedures.....Self-contained breathing apparatus may be required in fires within enclosed areas.
 Unusual Fire & Explosion Hazards.....N/A

VI. REACTIVITY DATA

Product Stability.....Stable
 Conditions to Avoid.....Temperature at 32°F (0°C) or below, material freezes
 Chemical Incompatibility.....None known
 Hazardous Decomposition Products.....None known
 Hazardous Polymerization.....Will not occur



P.O. Box 195, Brownsburg, IN 46112
Ph: 317-852-8966
Emergency Telephone No: 800-535-5053

MATERIAL SAFETY DATA SHEET - 2451

VII. HEALTH HAZARD DATA

Skin ContactNot normally irritating to skin. Not a skin sensitizer.
Eye ContactPossible eye irritant. Minimal ocular irritation is expected. Irritation will depend on length of exposure, solution concentration and first aid measures.
InhalationMists may cause irritation to mucous membranes and lungs.
IngestionMay cause irritation.

VIII. EMERGENCY AND FIRST AID PROCEDURES

Skin.....Wash exposed skin with soap and water. Launder contaminated clothing before reuse.
Eyes.....Promptly flush eyes with large amounts of water. Get medical attention if any discomfort persists.
IngestionIf swallowed, DO NOT INDUCE VOMITING. Get medical attention. Never give anything by mouth to an unconscious person.
InhalationMove to fresh air. Get medical attention, if needed.

IX. ENVIRONMENTAL DATA

Spill or Leak Procedures Avoid skin contact. Spills should be absorbed with sawdust or sand and disposed of in sanitary landfill. Material is toxic to fish. Do not discharge into waterways.
Waste Disposal..... Pesticide. Improper disposal of pesticide wastes is a violation of federal law. Dispose of in accordance with all federal, state and local regulations.
Hazardous Water 40CFR261..This product is an EPA registered pesticide. Contact the regional office of the EPA for guidance in proper disposal.
Container Disposal Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with governmental regulations. See product label.

X. SPECIAL PROTECTION INFORMATION

Respiratory Protection Respirator not required with most applications.
Ventilation Local exhaust is generally sufficient to minimize exposure.
Protective Clothing Neoprene gloves, apron, boots – as necessary to prevent skin contact.
Eye Protection Chemical goggles.
Other Precautions..... Safety shower and eyewash fountains should be easily accessible.

XI. 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.

N/A = Not Available

Issue Date: 2/09

Revised Date: 7/06