

MSDS# Loop Guard 200
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Loop Guard 200

SECTION 1. PRODUCT NAME

Catalog No. Loop Guard 200
 Manufacturer: Diversitech
 Address: 6650 Sugarloaf Parkway, Duluth, GA
 Chem-Tel Phone: (800) 255-3924 – (Chemical Emergencies Only)
 Phone Number for Information: (678) 542-3600
 Fax: (678)-542-3700
 Date Revised: 19 June, 2008
 Name of Preparer: Anthony Jernigan

SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	OSHA PEL	ACIGH TLV	Hazard
Sodium hydroxide	1310-73-2	2 mg/m3	2 mg/m3	Corrosive
Sodium silicate	1344-09-8	2 PPM	2 PPM	Corrosive
Sodium sulfite	7757-83-7	None established		

EPA HAZARD CATEGORIES: Acute-Health; Chronic-Health

SECTION 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >220°F	Specific gravity (H2O = 1): 1.17
Vapor pressure (mm Hg): 2 mm @70°F	Melting Point (Pour Point): <32° F
Vapor Density (Air = 1): >1	Evaporation Rate (Water = 1): 1
Solubility in water: Water miscible	pH @ 25%: 11.5-12
Appearance and odor: Clear liquid with a slight musky odor.	

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
 Flammable Limits: None
 Extinguishing media: Not applicable
 Special Fire Fighting Procedures: Keep containers cooled with a water spray if involved in a fire. This material is alkaline. Use full protective equipment if this material is encountered during a fire.
 Unusual Fire and Explosion Hazards: None suggested.

SECTION 5. REACTIVITY DATA

Stability - Stable
 Conditions to avoid: None
 Incompatibility (Materials to avoid): Strong oxidizers, strong acids
 Hazardous Decomposition or Byproducts: May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire. Reaction with aluminum releases hydrogen gas.
 Hazardous Polymerization: Will not occur.

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SECTION 6. HEALTH HAZARD DATA

Routes of Entry: Inhalation: yes (mists) Skin: yes Ingestion: yes Eyes: yes

Health Hazards (acute and chronic): The concentrated product is irritating to skin eye, respiratory and digestive tissues.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and symptoms of exposure:

Inhalation: If sprayed or misted may cause chemical pneumonitis. This product is irritating to respiratory organs.

Skin: Irritating on contact. Prolonged contact may cause dermatitis or drying of skin, itching and burning.

Ingestion: Do not take internally. May be harmful if swallowed. May cause burning, nausea or vomiting.

Eyes: May cause irritation, burning or redness on contact.

Medical Conditions Aggravated by Exposure: Contact with this product can exacerbate existing skin eye and breathing disorders. Contact or breathing mists may exacerbate pre-existing skin or respiratory disorders.

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes while lifting the eyelids to irrigate the area behind the lid. Consult a physician if immediately after administering first aid!

Skin: Remove contaminated clothing. Wash the affected area with soap and water. Launder or dry clean clothes before reuse. Discard contaminated leather articles. If burning or irritation develops or persists, get medical attention.

Inhalation: Evacuate to a safe area with plenty of fresh air. Allow the affected individual to rest in a well ventilated area. If irritation persists, seek medical aid immediately.

Ingestion: DO NOT induce vomiting. Force fluids. Administer activated charcoal tablets. Consult the nearest poison control center. If vomiting occurs, keep the head lower than the hips to prevent aspiration

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND STORAGE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Wear recommended protective clothing. Remove contaminated garments promptly. Remove unnecessary personnel from the area. Floors may be slippery. Use care to avoid falling. Dike the spill immediately with appropriate materials to prevent the spread of liquid. Absorb the liquid with an inert absorbent such as sand, dirt, vermiculite or "oil-dri", or use commercial absorbent pads. Transfer liquids and solid absorbed material to suitable containers, and dispose of in accordance with local, state, and federal regulations.

DO NOT contaminate municipal sewers or other open bodies of water with runoff.

Waste Disposal Methods: Incinerate this material and all associated wastes, or bury in an approved landfill in accordance with governmental regulations. If these disposal options are not available, consult a hazardous waste contractor for proper disposal.

Handling and Storage:

Avoid contact with skin and eyes. Keep containers closed when not in use. Store in a dry, cool, well-ventilated area. Avoid freezing temperatures during storage or use. Empty containers may retain residue. All containers should be disposed of in an environmentally safe manner, and in accordance with all governmental regulations. Keep this and all chemicals out of the reach of children. Wear the recommended safety equipment when handling or using this product.

SECTION 8. CONTROL MEASURES

Respiratory Protection: Use in a well-ventilated area. If mist is being generated and exceeds the TLV, use an air purifying respirator with a dust/mist filter, and follow a respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements.

Ventilation: Local exhaust is recommended when used in enclosed areas.

Protective Gloves: Neoprene or other materials may be used if there is documented evidence of compatibility. Use as necessary to prevent skin contact.

Eye protection: Wear safety glasses (ANSI Z87.1) or approved equivalent, or chemical splash goggles as necessary to minimize eye contact hazards.

Other Protective Clothing: Neoprene aprons, overshoes, oversleeves or other impervious clothing as necessary to minimize exposure.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating or smoking.

SECTION 9. ADDITIONAL INFORMATION

Transportation Information:

DOT HAZARD LABEL: None

DOT SHIPPING INFORMATION: Compound, chelating, dry or in aqueous solution

TSCA: All ingredients are TSCA approved.

SARA TITLE III Reporting Requirements:

Section 302: EHS reporting not required

Section 304: Hazardous releases reporting not required

Section 311: Community Right To Know reporting is required if the inventory is above the Threshold Planning Quantity.

Section 312: R-T-K Inventory data reporting is not required.

Section 313: Emissions and release reporting may be required for users of this product within the manufacturing sector. This does not apply to service companies.

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SECTION 10. MANUFACTURED BY

Diversitech
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Duluth, GA 30097
Phone 1+678.542.3600
EMERGENCY Phone No. 1 800-255-3924 Chem-Tel (Chemical Emergencies Only)

SECTION 11. REFERENCE NUMBER AND DATE OF ISSUE

MSDS Safety Data Sheet: Loop Guard 200 Issued 06/19/2008

This information is, to the best of our knowledge and belief, accurate and reliable as of the date completed. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against patent infringement.