

Special Firefighting Procedures: Firefighters should wear normal protective equipment and self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: Do not enter fire area without proper protection. Fight fire from safe distance. Heat may build pressure/rupture closed containers.

SECTION 5 — HEALTH HAZARD DATA – SLIGHT HEALTH HAZARD

HMS INFORMATION:

Health: 3 Flammability: 0 Reactivity: 2 Protective Equipment: B, C

EMERGENCY OVERVIEW/IMMEDIATE CONCERNS: DANGER! CORROSIVE! CAUSES SEVERE SKIN AND EYE BURNS

Inhalation: CORROSIVE Exposure to vapour, mist or liquid can produce burns of the respiratory tract.

Eye Contact: CORROSIVE This will cause burns that result in damage to the eyes and even blindness if solution remains in contact with the eye. Symptoms may include painful burning of the eyes and blurred vision.

Skin Contact: CORROSIVE This will cause burns to skin tissue. Symptoms may include painful burning of the skin and tissue destruction.

Ingestion: CORROSIVE This is a poison. Additionally, severe burns and complete tissue perforation of mucous membranes of mouth throat and stomach.

SECTION 6 — EMERGENCY AND FIRST AID

FIRST AID PROCEDURES:

Eye: IMMEDIATELY FLUSH EYES WITH WATER FOR 20-30 MINUTES. REMOVE ANY CONTACT LENSES. Forcibly holding eyelids apart to insure complete irrigation of all eye and lid tissue. Washing eyes within several seconds is essential to achieve maximum effectiveness. SEEK MEDICAL ATTENTION IMMEDIATELY.

Skin: IMMEDIATE FLUSH AREA WITH WATER. Remove contaminated clothing and shoes. Wash clothing before reuse. SEEK MEDICAL ATTENTION.

Inhalation: REMOVE VICTIM TO FRESH AIR. RESTORE BREATHING, IF REQUIRED. SEEK MEDICAL ATTENTION IMMEDIATELY.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, give large quantities of water. If vomiting occurs, keep airway clear and give more water. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION 7 — PRECAUTIONS FOR SAFE HANDLING & USE

Respiratory: Wear a NIOSH/MSHA approved respirator when product is airborne during removal procedures with water spray off.

Eye: Wear chemical splash goggles and or face shield when possibility exists for eye contact via splash or spray.

Skin: Wear protective gloves, boots, head and face protection.

Conditions to Avoid: Heat, flames and sparks.

Materials to Avoid: Strong Oxidizing or Reducing Agents

SECTION 8 — SPILL AND DISPOSAL

Actions to Take for Spills: Wear appropriate personal protective clothing. If spill is indoors, ventilate area of spill.

Place absorbent sweeping compound on spill. Scoop up with shovel and place in suitable container.

Waste Disposal: Dispose of via a licensed disposal firm in accordance with all federal, state and local regulations.

Precautions to be Taken Handling & Storage: Remove all sources of ignition. Keep containers tightly closed when not in use. Store away from imcompatibles. Store in a cool, dry, well ventilated area.

SECTION 9 — DOT INFORMATION

UN/NA ID Number: UN 1824
Hazard Description: Sodium Hydroxide Solution
Hazard Division: 8, Corrosive
Packing Group: II

SECTION 10 — STABILITY AND REACTIVITY

Stability: Under normal conditions, this product is stable. Conditions to avoid: isolate from heat, sparks and open flame.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents, strong alkali and reducing agents.

Hazardous Decomposition or By-Products: Carbon Dioxide, Carbon Monoxide

Hazardous Polymerization: Product is not known to polymerize.

SECTION 11 — PREPARATION INFORMATION

Date Prepared: September 28, 2001

Date Revised: February 26, 2008

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