

SECTION III: PHYSICAL AND CHEMICAL CHARACTERISTICS

Chemical Family: Aqueous solution

Fire and Explosion Hazards:

Fire extinguishing media – Use water only
Special fire fighting – Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.
Move containers from fire area if it can be done without risk. Use water to keep fire-exposed container cool.

Explosion – Strong oxidizer. Contact with combustible materials, flammable materials or powdered metals can cause fire or explosion.

Incompatibility: Avoid contact with acetyl chloride and a wide range of oxidizing agents. Strong oxidizer.

Toxicity and Carcinogenicity: No OSHA exposure limit has been established and no carcinogenic effect has been reported. Exposure to over 1000 PPM may cause headache, drowsiness, and lassitude, loss of appetite, inability to concentrate and irritation of the throat. Ingestion can cause depression of the central nervous system, nausea, vomiting, diarrhea, blindness and death.

SECTION IV: HEALTH HAZARDS AND HANDLING PRECAUTIONS

PRIMARY ROUTES OF ENTRY

PRECAUTIONS

Ingestion: Avoid hand-to-mouth contact when handling materials. Wash hands thoroughly after handling, even when gloves have been worn. Do not eat, drink or apply cosmetics in the area where material is handled. Do not pipette by mouth.

Skin: Wear gloves and especially cover any cuts, abrasions or skin lesions. Dispose of gloves as biohazardous material. Wash hands thoroughly after removing gloves. Use extreme caution with any sharp object to avoid percutaneous exposure to material. Wear outer protective garments such as a lab coat or gown.

Inhalation: If splash or aerosol can be created from manipulation of this product, use a surgical mask or similar respiratory protection to cover nose, mouth and mucous membranes.

Eyes: If splash or aerosol can be created from manipulation of this product, use chemical safety goggles, face shield or splash shield as appropriate to prevent eye exposure.

SECTION V: EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Get medical attention immediately. Do not induce vomiting. If conscious, give large amounts of water.

Skin Contact: Immediately flush with plenty of water

Inhalation: Get medical attention immediately. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.

Eye Contact: Immediately flush with plenty of water.

SECTION VI: SPILL/LEAK PROCEDURES

If material is released or spilled, wear all appropriate protective equipment described in Section IV before cleaning up the spill or handling contaminated material. Wipe up the spill and dispose of the contaminated material. Avoid creating aerosols or dust while cleaning up a spill.

After the material has been picked up and contained in a bag, wash the spill site with distilled or deionised water.

Storage: Store at room temperature (15-30 °C,59-86°F).
Store away from heat or sources of ignition.

Labeling: Hazard: warning: flammable, protect from heat.

Labeling: This package conforms to 49 CFR 173.4

Chemtree Assistance: 1-800-424-9300
NC Poison Control Center: 1-800-672-1697