

NIACET CORPORATION
400-47th St.
Niagara Falls, NY 14304
Fx (716) 285 1497
Ph (716) 285 1474

ADDENDUM TO MSDS
MONOCHLOROACETIC ACID
80% AQUEOUS SOLUTION
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EMERGENCY PHONE NUMBER: (800) 424 9300, (202) 483-7616

Addendum To Material Safety Data Sheet

MONOCHLOROACETIC ACID, 70-90% Solution

Recommended Safe Handling Practices

DESIGN CONSIDERATIONS:

Building Design:

Monochloroacetic acid (MCAA) plant equipment and vessels should preferably be isolated from other facilities. Standard fire walls are recommended for isolating larger equipment and storage tanks.

Not less than two means of exit should be provided from each separate room or building in which MCAA is stored, handled or used.

All exit doors should open out in the direction of travel and should be provided with panic hardware.

Each use area should be clearly identified and marked. Entry to these areas should be limited to operating personnel and authorized persons.

Floors should be made of acid resistant materials and should slope toward floor drains. Catch basins with drains should be designed beneath major pieces of equipment. Drains may have to be segregated from sanitary sewer systems according to local regulations or conditions.

In areas of potential employee exposure, provide emergency shower and eyewash facilities. Permanent installation of bath tubs filled with warm water (thermostat controlled) and covered by a plastic film to keep clean is recommended.

MCAA melt is extremely corrosive and can penetrate plastic linings to destroy the binder or metal surface below. Titanium, silver, glass-lined steel, brick-lined steel and PTFE coated steel can be recommended for storage and handling of molten MCAA and hot aqueous solutions. Hoses should be PTFE-lined