



THATCHER COMPANY MATERIAL SAFETY DATA SHEET
PRODUCT: ACID CLEANER 540
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Lel: N/A Uel: N/A

EXTINGUISHING MEDIA: Use any.

SPECIAL FIRE-FIGHTING PROCEDURES:

Use self-contained breathing apparatus and full protective clothing. Cool containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

SECTION V - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS OR MATERIALS TO AVOID:

Will react strongly with alkaline materials, most metals, wood and similar organic materials.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen may be formed.

SECTION VI - HEALTH HAZARD DATA

CARCINOGENIC LISTING:

NTP: No ingredients listed in this section.

IARC MONOGRAPHS: No ingredients listed in this section.

OSHA 29 CFR 1910: No ingredients listed in this section.

ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:

Contact: Corrosive. Can cause severe burns to skin or eyes.

Inhalation: Toxic. Can cause irritation, burns, bronchitis or chemical pneumonitis. Breathing difficulties may be delayed.

Ingestion: Harmful or fatal if swallowed, due to burns in the gastrointestinal tract.

STATEMENT OF PRACTICAL TREATMENT:

Contact: Immediately flush with large amounts of water. For eyes, flush for at least 15 minutes and get medical attention.

Inhalation: Get into fresh air. Monitor patient for delayed effects. If breathing becomes difficult or stops, give artificial respiration or oxygen as indicated. Get immediate medical aid.

Ingestion: If conscious, give several glasses of milk or water and call a physician immediately. DO NOT induce vomiting.



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SECTION VII - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

Store in a cool, well-ventilated area. Avoid contact with skin or eyes. Do not breathe vapor. Wear proper protective clothing when handling.

STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:

Wearing safety equipment, dike the liquid and receiver into drums, if possible. Neutralize residue with soda ash and flush to sewer if possible.

WASTE DISPOSAL METHOD:

Waste product is an EPA Hazardous Waste (D002) due to corrosivity. Comply with all local, state and federal regulations.

OTHER PRECAUTIONS:

Avoid contact with incompatible materials

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Use appropriate respiratory protection for acid gases.

VENTILATION:

Work with adequate ventilation.

EYE PROTECTION:

Wear goggles.

SKIN PROTECTION: Wear rubber gloves.

OTHER PROTECTIVE EQUIPMENT:

Wear protective clothes as needed to prevent contact with skin and eyes.

ACGIH = American Conference of Governmental Industrial Hygienists

CL = Ceiling Level

IARC = International Agency for Research on Cancer: Monographs

OSHA = Occupational Safety and Health Administration

N/A = Not Applicable



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NTP = National Toxicology Program: Annual Report on Carcinogens

PEL = Permissible Exposure Level (OSHA)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average over 8 Hours

STEL = Short Term Exposure Limit (ACGIH)

ND = Not Determined

This information is, to the best of our knowledge, accurate but may not be complete. THATCHER COMPANY furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.