

MATERIAL SAFETY DATA SHEET

May be used to comply with Federal Requirements

Canada

WHIMS

WORKPLACE HAZARDOUS MATERIALS

for WHIMS implemented March 15, 1999**INFORMATION SYSTEM**

N.A.= Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION**MEC Product Name: SCALE GONE 35****Supplier's Name:** MEC Chemicals**Supplier's Address:** 625 Simmons Lane, Johnstown Pa. 15909**Phone:** (814) 322-1399**Emergency Phone #:** 1-800-831-4963**SECTION 2-HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	OSHA PEL	ACGIH TLV
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None—contains only nontoxic organic acids

OTHER DATA: All components of this product are non-toxic and do not require reporting under OSHA regulations or the EPA Section 313 Right-To-Know Act.

SECTION 3-PHYSICAL DATA**Boiling Point (F):** 218 F**Vapor Pressure (mm Hg):** 20 mm**Vapor Density (air=1):** NA**Solubility In Water:** 100%**Appearance / Odor:** Straw colored liquid, detergent odor.**Specific Gravity:****Melting Point:** NA**Evaporation Rate:** (BU ACETATE=1) >1**Other:** pH2**SECTION 4-FIRE AND EXPLOSION DATA****Flash Point (F) / Method:** None**Flammable Limits:** NA**Extinguishing Media:** None required**Special Fire Fighting Procedures:** Spray drums exposed to a fire with a heavy stream of water to prevent rupture from overheating. If large spills occur on concrete floors during fires, provide good ventilation to allow the carbon dioxide gas, released from the reaction of the Scale Gone with the concrete, to dissipate.**Unusual Fire &Explosion Hazards:** None**SECTION 5-HEALTH HAZARD DATA****Route(s) of Entry:** INGESTION**Health Hazards:** None from the vapors. Mists will irritate respiratory system. Contact with the concentrate will cause eye irritation. Ingestion will cause gastrointestinal tract irritation, which will result in severe diarrhea. Prolonged skin contact with the concentrate may cause mild irritation of sensitive skin areas. Open skin areas will be irritated by contact with the concentrate.**Carcinogenicity:** NTP? No IARC Monographs? No WHMIS Regulated? No**Effects of Overexposure:** Eye irritation upon contact with the concentrate. Also irritates sensitive skin and open skin areas. Severe diarrhea and gastrointestinal irritation from ingestion of concentrate. If concentrate is misted it will cause respiratory irritation.**Medical Conditions aggravated by exposure:** None**Emergency & First Aid Procedures:** Wash from eyes with water until irritation stops. If it persists, see a physician. If ingested in any large amount, drink lots of water, take anti-acids and see a physician immediately. Wash from sensitive and open skin areas with soap and water. Remove all contaminated clothing to prevent long term skin contact, wash and dry before re-use. Avoid misting

product during use. If misting occurs wear a dust or mist type mask to prevent inhalation. If inhalation of mist occurs, go to fresh air until irritation stops.

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility: Strong alkalis and metal oxides. Also reacts with soft metals such as aluminum, magnesium or zinc to give off hydrogen, which is flammable. Reacts with carbonates, limestone and cement floors to give off carbon dioxide gas.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION 7-SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Keep large quantities of the product out of waterways. When spilled, dike area to keep material out of waterways until after neutralization. Material reacts with cement floors and drains before it is neutralized, so neutralize immediately by adding 2.7 lbs. Of soda ash or 2.85 lbs. of lime per gallon of the Scale Gone 35 concentrate that was spilled. Using lots of wash water, send the neutralized material to a sanitary sewer for sewage plant treatment. Sewer small quantities and wash down with lots of water. Material is non-toxic to animals, humans and aquatic species. It is rapidly biodegradable in activated sludge sewage plants.
Waste disposal method: Comply with Federal, State and local regulations. If the material is unused or was used to remove non-toxic oxides such as iron or calcium, dispose of by neutralizing and sewage treating as described above. If the material has been used for cleaning, less alkali will be required for neutralization. If it has been used to clean copper, brass, nickel, chrome or other toxic heavy metals it CAN NOT be sewerred and must be concentrated and disposed of as a toxic waste. Contact a licensed toxic waste hauler for proper disposal.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required, when used as directed. If misting occurs wear a facemask or other respiratory protection and leave area to avoid exposure.
Ventilation: None required, when used as directed. Ventilate area if material is spilled on cement floors or accidental misting occurs.
Protective Gloves: Rubber or vinyl gloves recommended
Eye Protection: Safety glasses or goggles
Other Protective Equipment: Work area must be provided with an eye wash fountain, sink for washing from the skin and a safety shower for extensive exposure to a major spill.
Hygienic Practices: Normal cleanliness. Wash from skin with soap and water before meals, after work and each time contact occurs.

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store only in plastic or plastic lined drums or tanks. Do not store in steel, galvanized steel, aluminum or other metal containers. Store at temperatures of 40-90 F
Other Precautions: Keep out of reach of children. Keep containers closed.

Date Prepared: 7-20-00

By: JW