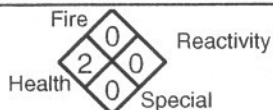


HAZARD RATING
4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT



MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 11-20-02

SECTION 1 - PRODUCT IDENTIFICATION

Company Name Daley International Emergency Telephone No. 1-800-535-5053
Address 2515 W. 35th Street, Chicago, IL 60632-1001 Information Telephone No. 773-523-8320
Product Name / ID# APM #26 Traction (1648) Product Type Mild Acid Cleaner ☒ Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Hydrochloric Acid	7647-01-0	< 0.5%	5 ppm (OSHA)
Hydroxyacetic Acid	79-14-1	< 10%	3 ppm
Dodecylbenzene Sulfonic Acid	27176-87-0	< 5%	NA

☐ * Substances ☒ Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) > 212°F Specific Gravity (H₂O=1.0) 1.04 ± 0.005 pH < 1.0 % VOC (ww) 0.5%
Solubility In Water ☒ Complete ☐ Insoluble ☐ Emulsifiable or (Dispersible) ☐ Slight (or Partial)
Evaporation Rate (vs H₂O) ☐ Faster ☐ Slower ☒ About the Same Vapor Pressure NE Vapor Density NE
Appearance and Odor Green liquid, lime odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) ☒ None to boiling Flammable Limits Upper NA Lower NA
Extinguishing Media None

Special Fire Fighting Procedures None

Unusual Fire Explosion Hazards None

SECTION 5 - REACTIVE DATA

Stability Stable Incompatibility Ammonia, Alkalies, Oxidizers.

Hazardous Decomposition Products None

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV ☒ None Established ☐ Not Applicable Primary routes of Exposure ☒ Eyes ☒ Skin ☒ Oral ☒ Inhalation

Signs Symptoms of Over-exposure (Acute) Eye contact may cause severe irritation or burns. Contact with skin may cause severe irritation, burns, or tissue ulceration. If ingested may cause nausea and burns along the digestive system. Inhalation of mists or vapors may cause irritation and possible burns along the respiratory system.

Signs Symptoms of Over-exposure (Chronic) Unknown

Medical Conditions Aggravated by Over-exposure Disorders of the liver or kidneys.

Carcinogen/Suspected Carcinogen Ingredients: ☐ NTP ☐ IARC ☐ OSHA ☒ None

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Flush with water for 15 minutes. If relief is not readily apparent - Consult physician.

Skin Flush with water for 15 minutes. Remove contaminated clothing and wash before reuse.

Ingestion Drink large quantities of water to dilute contents in stomach. Call physician. Do not induce vomiting.

Inhalation Remove to fresh air. If qualified, give oxygen or artificial respiration as needed and/or seek medical help.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None usually needed in normal usage. If high mist or vapor conditions use NIOSH approved respirator.

Ventilation requirements ☒ Local Exhaust ☒ Mechanical As needed to keep below any listed TLV or for general good ventilation.

Protective Gloves Rubber Eye Protection Chemical goggles.

Other Protective Clothing Rubber apron if splashing is possible or when handling a large volume of material.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Neutralize with baking soda or other mild base. Flush small neutralized spills with water to sewer.

Waste Disposal Methods Probable to flush neutralized material into sanitary sewer system. Check with federal, state and local regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Store so as to be inaccessible to children. Wash thoroughly after handling.