MATERIAL SAFETY DATA SHEET

General Information

Company's Name: The Chemistry Store.com Inc.
Company's Address: 1133 Walter Price St Cayce, SC 29033
Company's Emerg Ph #: 1-800-535-5053(Infotrac)
Company's Info Ph #: 1-800-224-1430
Date MSDS Prepared:2/1/07

PRODUCT NAME:OXALIC ACID

Ingredients/Identity Information

OXALIC ACID Percent: >99.0 NIOSH (RTECS) Number: RO2450000 CAS Number: 144-62-7 OSHA PEL: 1 MG/M3/2 STEL ACGIH TLV: 1 MG/M3

Physical/Chemical Characteristics

Appearance And Odor: TRANSPARENT COLORLESS CRYSTALS(SMALL,PER 0-0-6908), ODORLESS.SUBLIMES AT 302F. Boiling Point: 232F/111C Melting Point: 213F,101C Vapor Pressure (MM Hg/70 F): NIL Specific Gravity: 1.65 Decomposition Temperature: UNKNOWN Solubility In Water: MODERATE (9.5%)

Fire and Explosion Hazard Data

Flash Point: NONE Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. Special Fire Fighting Proc: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE. Unusual Fire And Expl Hazrds: REMOVE ALL IGNITION SOURCES;VAPORS DECOMPOSE TO HAZARDOUS PRODUCTS AT HIGH TEMPERATURES.WATER OR FOAM MAY CAUSE FROTHING ON MOLTEN OXALIC ACID.

Reactivity Data

Stability: YES Cond To Avoid (Stability): HEAT ABOVE 212F,SPARKS,AND OPEN FLAMES,WATER. Materials To Avoid: SILVER COMPOUNDS,ALKALIES,STRONG OXIDIZERS,OLEUM. Hazardous Decomp Products: CARBON DIOXIDE,CARBON MONOXIDE,FORMIC ACID.

Hazardous Poly Occur: NO Conditions To Avoid (Poly): N/KN/R

Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT) IS 375MG/KG Route Of Entry - Inhalation: YES Route Of Entry - Skin: YES Route Of Entry - Ingestion: YES Health Haz Acute And Chronic: **TOXIC—CORROSIVE**EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION AND BURNS.INGEST:JUST A FEW GRAMS MAY BE FATAL.MAY CAUSE GI TRACT IRRITATION AND BURNS.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:EMACIATION,WEAKNESS,DERMATITIS,DELAYED KIDNEY AND LIVER DAMAGE. Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO Explanation Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA. Signs/Symptoms Of Overexp: ULCERATIONS OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT,HEADACHE,NERVIOUSNESS.PAIN IN THE BACK FROM PROLONGED EXPOSURE. Med Cond Aggravated By Exp: PERSONS WITH PRE-EXISTING LIVER,KIDNEY,SKIN AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE. Emergency/First Aid Proc: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH A SOLUTION OF EPSOM SALTS.GET DOCTOR.EYES:FLUSH WITH WATER FOR 15 MINUTES. INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER,MILK OR SOLUBLE CALCIUM OR MAGNESIUM

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN A DRY CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH WATER.AVOID DISCHARGE INTO SEWER OR WATERWAYS. Neutralizing Agent: SODA ASH Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS. Precautions-Handling/Storing: STORE IN COOL,DRY,WELL VENTILATED AREA; KEEP AWAY FROM HEAT,OXIDIZERS AND INCOMPATIBLE MATERIALS. Other Precautions: AVOID SKIN AND EYE CONTACT.DO NOT INHALE VAPORS/MISTS.

Control Measures

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NOISH/ MSHA APPROVED RESPIRATOR FOR ACID DUST,DEPENDING ON THE AIRBORN CONCENTRATION. Ventilation: USE LOCAL EXHAUST(FUME HOOD). Protective Gloves: RUBBER Eye Protection: CHEMICAL SPLASH GOGGLES Other Protective Equipment: PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER. Work Hygienic Practices: WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.