

MATERIAL SAFETY DATA SHEET
(ESSENTIALLY SIMILAR TO OSHA FORM 20, COMPLIES WITH 29CFR 1910.1200)

HAZARD RATING: HEALTH - 1, FIRE - 0, REACTIVITY - 0
MINIMAL - 0 SLIGHT - 1 MODERATE - 2 SERIOUS - 3 SEVERE - 4

*****SECTION I: GENERAL INFORMATION*****

MANUFACTURED FOR: MKG SALES ASSOCIATES, INC.
ADDRESS: 130 MILLER ROAD
MEDFORD, NJ 08055
TELEPHONE NUMBER: 609-953-4700
DATE ISSUED/REVISED: APRIL 6, 2005
EMERGENCY RESPONSE NUMBER: 800-255-3924 CHEM-TEL INC.
PRODUCT NUMBER: 4044200
PRODUCT NAME: SEWER ROOT KILLER
CHEMICAL NAME: COPPER SULFATE (BLUE VITRIOL)
CHEMICAL FAMILY: INORGANIC SALT

HAZARDOUS MATERIAL DESCRIPTION
(PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101))

*****SECTION II: HAZARDOUS INGREDIENTS*****
AS LISTED IN EPA 40CFR PARTS 261 & 116 AND/OR MASS. DEQE CMR 670.00

CHEMICAL NAME	CAS NO.	% BY WEIGHT	HAZARD
COPPER SULFATE PENTAHYDRATE	7558-98-8	99 MIN	TLV - 1MG/M ³

CONTAINS NO INGREDIENT LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC, NTP, OR OSHA.

*****SECTION III: PHYSICAL DATA*****

BOILING POINT/RANGE (F): NONE
SPECIFIC GRAVITY: 2.28 (WATER=1)
% VOLATILE BY VOLUME: NONE
EVAP. RATE (BUAC=1): NONE
WEIGHT/GALLON: NA (WATER=8.33#)
SOLUBILITY IN WATER: 26.6GM/100GM WATER
VAPOR PRESSURE (MM/HG): NONE
PHYSICAL STATE: BLUE, CRYSTALLINE CRYSTALS
VAPOR DENSITY (AIR=1): NONE
ODOR: ODORLESS
OTHER:

*****SECTION IV: FIRE AND EXPLOSION HAZARD DATA*****

FLASH POINT (METHOD USED): NONE
FLAMMABLE LIMITS: LEL: NA UEL: NA
FIRE EXTINGUISHING MEDIA: WATER FOG, FOAM, GAS (CO2/HALON), DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

*****SECTION V: HEALTH HAZARD DATA*****

THRESHOLD LIMIT VALUE: 1 MG/M³
PRIMARY ROUTES OF ENTRY: SKIN ABSORPTION
EFFECTS OF OVEREXPOSURE:
...ACUTE - POSSIBLE SKIN & EYE IRRITATION. HARMFUL IF SWALLOWED
...CHRONIC - AVOID PROLONGED BREATHING OF DUST.
EMERGENCY AND FIRST AID PROCEDURES:
...INHALATION - IF IRRITATION OR UPSET STOMACH OCCURS, GET MEDICAL ATTENTION
...EYES - IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS APART. GET MEDICAL ATTENTION.
...SKIN - RINSE THOROUGHLY WITH SOAP AND WATER
...INGESTION - GET IMMEDIATE MEDICAL ATTENTION.

*****SECTION VI: REACTIVITY DATA*****

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: DO NOT MIX WITH OTHER CHEMICALS
MATERIALS TO AVOID: DO NOT MIX WITH OTHER CHEMICALS.
HAZARDOUS DECOMPOSITION PRODUCTS: SULFUR TRIOXIDE ABOVE 653°C

*****SECTION VII: SPILL OR LEAK PROCEDURES*****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SCRAPE UP AND REPACKAGE
WASTE DISPOSAL: CAN BE REUSED IF NOT CONTAMINATED OR DISPOSE OF ACCORDING TO LOCAL REGULATIONS FOR HAZARDOUS WASTE.

*****SECTION VIII: SPECIAL PROTECTION INFORMATION*****

RESPIRATORY PROTECTION: DUST MASK RECOMMENDED.
VENTILATION TYPE: LOCAL EXHAUST IS ADEQUATE.
PROTECTIVE GLOVES: RECOMMENDED
EYE PROTECTION: RECOMMENDED
OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED

*****SECTION IX: SPECIAL PRECAUTIONS*****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN A DRY PLACE. AVOID PROLONGED BREATHING OF DUST. **DO NOT** TAKE INTERNALLY.
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN