

MATERIAL SAFETY DATA SHEET
(ESSENTIALLY SIMILAR TO OSHA FORM 20, COMPLIES WITH 29CFR 1910:1200)

HAZARD RATING: HEALTH - 3, FIRE - 0, REACTIVITY - 1
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

PRODUCT NUMBER: 4042100
PRODUCT NAME: X-RAY AWAY DRAIN OPENER
CHEMICAL FAMILY: X-RAY AND PHOTOGRAPHIC DRAIN OPENER

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 DATA
SODIUM BISULFATE	7681-38-1	30-50	OSHA (TWA)2MG/M3 ACGIH (TWA)2MG/M3

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

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

BOILING POINT/RANGE (F): NEAR 212°
SPECIFIC GRAVITY: 1.33 (WATER=1)
% VOLATILE BY VOLUME:
EVAP. RATE (BUAC=1): SAME AS WATER
SOLUBILITY IN WATER: COMPLETE
VAPOR PRESSURE (MM/HG): NA
PHYSICAL STATE: THIN, RED LIQUID
VAPOR DENSITY (AIR=1): NA
OTHER: PH 1.0

*****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: FIREFIGHTERS SHOULD NOT ENTER CONFINED FIRE-SPACES WITHOUT PROTECTIVE CLOTHING AND SELF -CONTAINED AIR SUPPLY.

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

THRESHOLD LIMIT VALUE: 2 MG/M3
PRIMARY ROUTES OF ENTRY: SKIN ABSORPTION
EFFECTS OF OVEREXPOSURE: **ACUTE** - CORROSIVE: CAUSES SEVERE BURNS TO ALL TISSUES.
DO NOT GET IN EYES, ON SKIN, OR CLOTHING. CAN BE FATAL IF SWALLOWED. **CHRONIC** -

PROLONGED INHALATION OF VAPOR OR MIST CAN CAUSE BURNS OF THE RESPIRATORY TRACT.
EMERGENCY AND FIRST AID PROCEDURES: **INHALATION** - REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IF AVAILABLE, GIVE OXYGEN. **EYES** - IMMEDIATELY FLUSH THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, HOLDING LIDS APART. GET IMMEDIATE MEDICAL ATTENTION. **SKIN** - SEE "EYES." REMOVE CLOTHING IF CONTAMINATED
INGESTION - DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER IF PERSON IS CONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: DO NOT STORE IN METAL CONTAINERS.
MATERIALS TO AVOID: STRONG OXIDIZERS, ALKALIS, NITROGEN COMPOUNDS
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY OCCUR DURING INCOMPLETE COMBUSTION.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: IF POSSIBLE, NEUTRALIZE WITH DILUTE ACID, PREFERABLY ACETIC (VINEGAR). RINSE WITH WATER OR ABSORB WITH FLOOR ABSORBENT, SAWDUST, OR RAGS. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING.
WASTE DISPOSAL: DISPOSE OF ACCORDING TO LOCAL REGULATIONS FOR HAZARDOUS WASTE.

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

RESPIRATORY PROTECTION: NONE REQUIRED.
VENTILATION TYPE: LOCAL EXHAUST ADEQUATE.
PROTECTIVE GLOVES: RUBBER GLOVES.
EYE PROTECTION: SAFETY GLASSES OR GOGGLES.
OTHER PROTECTIVE EQUIPMENT: RUBBER APRON, CHEMICAL RESISTANT SHOES.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN A COOL AREA. KEEP CONTAINER TIGHTLY SEALED. PRODUCT IS CORROSIVE. DO NOT GET ON SKIN, EYES, OR CLOTHING. IF SPILLED ON CLOTHING, REMOVE CLOTHING AND FLUSH OFF EXPOSED SKIN WITH WATER. DO NOT TAKE INTERNALLY. USE WITH ADEQUATE VENTILATION.
OTHER PRECAUTIONS: AVOID PROLONGED BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING. DO NOT TRANSFER TO METAL CONTAINERS. AVOID CONTACT WITH OTHER CHEMICALS. WEAR EYE AND SKIN PROTECTION. KEEP OUT OF THE REACH OF CHILDREN. **KEEP FROM FREEZING!!**