

MATERIAL SAFETY DATA SHEET

4/05

SECTION 1 IDENTIFICATION OF PRODUCT

PRODUCT NAME: ALKALI DRAIN CLEANER & CONDITIONER (DS101)
MANUFACTURER: BANNER CHEMICAL CORP., 111 HILL ST., ORANGE, N.J. 07050-3901
EMERGENCY TELEPHONE NUMBER: 973/676-2900

SECTION 2 HAZARDOUS INGREDIENTS

***SODIUM HYDROXIDE CAS NO. 1310-73-2 10% TLV 2.0mg/M³**

*THIS TOXIC CHEMICAL IS SUBJECT TO REPORTING REQUIREMENTS OF SEC. 313-SARA TITLE III-40CFR, PART 372.

SECTION 3 PHYSICAL DATA

BOILING POINT: 293°F.
VAPOR PRESSURE: 42mm Hg @ 1000°C.
VAPOR DENSITY: NA
EVAPORATION RATE: NA
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: CLEAR TO WATER-WHITE LIQUID, ODORLESS.
% VOLATILE BY VOLUME: 90

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: NON-COMBUSTIBLE, NON-FLAMMABLE.
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING SHOULD BE WORN.
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

SECTION 5 HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 2.0mg/M³
EFFECTS OF OVEREXPOSURE: CAN CAUSE SEVERE BURNS AND DESTRUCTION OF ALL TISSUE. INGESTION DAMAGES MUCOUS MEMBRANES AND TISSUES. INHALATION OF MIST CAN CAUSE MILD IRRITATION TO SEVERE PNEUMONITIS. DILUTE SOLUTIONS MAY CAUSE BURNS THAT ARE NOT IMMEDIATELY EVIDENT.
EMERGENCY AND FIRST AID PROCEDURES: INGESTION: GENERAL PRECAUTIONARY MEASURES SUGGEST INDUCING VOMITING IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: REMOVE TO FRESH AIR. SKIN CONTACT: WASH THOROUGHLY AFTER EXPOSURE. EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IN ALL CASES, CONSULT A PHYSICIAN.

SECTION 6 REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: REACTS VIGOROUSLY WITH STRONG ACIDS, ALUMINUM, TIN, ZINC(LIBERATING HYDROGEN), TRICHLOROETHYLENE(FORMING SPONTANEOUSLY FLAMMABLE DICHLOROACETYLENE), PHOSPHOROUS(FORMING SPONTANEOUSLY FLAMMABLE PHOSPHINE).
INCOMPATIBILITY: STRONG ACIDS, ALUMINUM, LEATHER, WOOL, TIN, ZINC & ALLOYS CONTAINING THESE METALS.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 7 SPILL OR LEAK PROCEDURES

SPILLAGE: CONFINE SPILL AND ABSORB WITH BAN-DRI, EARTH, SAND OR SIMILAR INERT MATERIAL.
WASTE DISPOSAL METHOD: IN A MANNER CONSISTENT WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE N-IOSH APPROVED RESPIRATOR.
VENTILATION: LOCAL EXHAUST SUFFICIENT.
GLOVES: RUBBER, PLASTIC OR PVC.
EYE PROTECTION: GOGGLES AND FACE SHIELD SHOULD BE WORN.
OTHER PROTECTIVE EQUIPMENT: HARD HATS, SAFETY SHOES, RUBBER BOOTS, RUBBER APRON SHOULD BE WORN.

SECTION 9 SPECIAL PRECAUTIONS

DO NOT GET IN EYES, ON SKIN, ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION. STORE AWAY FROM OTHER CHEMICALS AND OUT OF REACH OF CHILDREN. STORE IN A CLOSED CONTAINER AWAY FROM FIRE AND EXTREME HEAT.

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