



**INDUSTRIAS AIEn**  
**RESEARCH & DEVELOPMENT**

## MATERIAL SAFETY DATA SHEET

HAZARD RATINGS	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	4
SPECIFIC	-

### SECTION I. GENERAL DATA

DISTRIBUTED BY: <b>White Cap. Inc.</b>	TELEPHONE <b>(609) 267-8990</b>	FAX <b>(609) 267-1923</b>
ADDRESS <b>5400 Delaware Ave. Hainesport NJ 08036</b>	CHEMTREC EMERGENCY INFORMATION TELEPHONE <b>For domestic shipments 800 424 9300</b> <b>For shipments outside US 703 527 3887</b>	

### SECTION II. PRODUCT DATA

PRODUCT NAME <b>XTRA DRAIN OPENER</b>	CAS NUMBER <b>NA</b>
CHEMICAL NAME <b>Alkaline mixture</b>	
SYNONYMS/ TRADE NAMES <b>Drain opener</b>	
APPLICATION <b>Household drain cleaner</b>	

### SECTION III. COMPOSITION / INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS	% P / V	CAS NUMBER	PERMISSIBLE UPPER LIMIT CPT/CCT/ P ( ppm)	SPECIAL HAZARDS
<b>Sodium hydroxide</b>	<b>0.1-3.0</b>	<b>1310-73-2</b>	<b>OSHA PEL 2mg/m3</b>	<b>NA</b>
<b>Sodium hypochlorite</b>	<b>0.1-6.5</b>	<b>7681-52-9</b>	<b>Not established</b>	<b>NA</b>
<b>Sodium silicate</b>	<b>&lt;1.0</b>	<b>1344-09-8</b>	<b>Not established</b>	<b>NA</b>
<b>Anionic surfactant</b>	<b>&lt;1.0</b>	<b>36445-71-3</b>	<b>Not established</b>	<b>NA</b>

### SECTION IV. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	<b>Water-white to slightly turbid liquid.</b>		
COLOR AND ODOR:	<b>Slight chlorine odor</b>		
BOILING POINT °F ( °C ):	<b>N/A</b>	MELTING O FREEZING POINT:	<b>N/A</b>
FIRE POINT °F ( °C ):	<b>NA</b>	AUTO IGNITION TEMPERATURE (°C):	<b>NA</b>
DENSITY (g/ml):	<b>1.11</b>	VAPOR DENSITY:	<b>N/A</b>
MOLECULAR WEIGHT:	<b>NA</b>	VOLATILITY:	<b>NA</b>
PERCENT VOLATILE 212°F (100°C):	<b>NA</b>	VAPOR PRESSURE ( mmHg a 37.3°C):	<b>1</b>
LOWER EXPLOSION LIMIT (%):	<b>NA</b>	UPPER EXPLOSION LIMIT (%):	<b>NA</b>
PH:	<b>12.8-13.8</b>	VISCOSITY (cps):	<b>NA</b>
SOLUBILITY IN WATER:	<b>100%</b>	VOC (g/L)	<b>NA</b>
SOLUBILITY IN OTHERS:	<b>NA</b>		

### SECTION V. FIRE FIGHTING MEASURES

FLASH POINT °C <b>N/A</b>	TEST METHOD <b>N/A</b>
EXTINGUISHING MEDIA: WATER FOG <input type="checkbox"/> CO2 <input type="checkbox"/> FOAM <input type="checkbox"/> OTHER <input type="checkbox"/>	
<b>N/A</b>	
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Contact with some materials particularly magnesium, aluminium and galvanized zinc can generate hydrogen rapidly, which is explosive.</b>	
SPECIAL FIRE FIGHTING PROCEDURES <b>N/A</b>	

CONDITIONS TO AVOID

NA

HAZARDOUS COMBUSTION PRODUCTS

NA

**SECTION VI. REACTIVITY INFORMATION**

STABILITY:

STABLE

UNSTABLE

CHEMICAL TO AVOID

NONE

WATER

ACIDS   
Concentrated

ALKALIS   
Organic materials, metals, may react with food sugars

OXIDANTS

OTHER

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

MAY OCCUR ( CONDITION TO AVOID )

HAZARDOUS COMBUSTION PRODUCTS

WILL NOT OCCUR

MAY OCCUR ( CONDITION TO AVOID )

May react with some metals to generate hydrogen gas

**SECTION VII. POTENTIAL HEALTH EFFECTS**

**A. HEALTH EFFECTS**

ACUTE

CHRONIC

INGESTION

Will cause extensive damage to tissue and may be fatal. NA

INHALATION

May cause upper respiratory damage. NA

SKIN

Causes severe burns, prolonged contact will destroy tissue. destruction of tissue

EYES

Causes severe burns, may result in loss of sight. NA

HAZARDS

CARCINOGENIC

MUTAGENIC

THERATOGENIC

INCLUDED IN NOM 010 STPS

INCLUDED IN OTHER REFERENCES

None as listed by OSHA, NTP or IARC.

COMPLEMENTARY INFORMATION

TEST

NA

RESULTS

NA

ANIMAL SPECIES

NA

**B. FIRST AID MEASURES**

INGESTION

Seek medical attention immediately. If conscious, give victim two glasses of water to dilute ingested material, do not induce vomiting. If victim begins to vomiting involuntarily, keep head below hips to prevent aspiration; monitor for breathing difficulty.

INHALATION

Remove victim to fresh air or supply oxygen. Administer artificial respiration if victim is unconscious. Seek medical attention.

SKIN

Wash exposed areas with soap and water. If irritation develops, seek medical attention.

EYES

Flush eyes for 15-20 minutes with water and get medical attention

**SECTION VIII. SPILL AND DISPOSAL INFORMATION**

## STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE

Dike are to contain spill, dilute spill with large quantities of water and then neutralize with a dilute acid, flush area with water until clean

## PERSONAL PROTECTION EQUIPMENT

GLOVES 

Rubber

GOGGLES 

safety glasses

BOOTS COARSE OTHER 

All areas of skin must be covered: arms, torso and legs.

## WASTE DISPOSAL METHODS

Dispose of in approved hazardous facility consult federal, state and local guidelines for proper disposal.

**SECTION IX. PERSONAL PROTECTION INFORMATION**

## VENTILATION REQUEST

GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND. 

Supplied-air respiratory protection is recommended for confined spaces. Product should only be used if sufficient ventilation is provided to prevent inhalation of vapors. Ensure exposure levels are maintained below TLV/ PELs.

## PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS

GLOVES 

Rubber

GOGGLES 

Safety glasses

BOOTS COARSE OTHER 

All areas of skin must be covered: arms, torso and legs. Wear NIOSH, MSHA Approved mechanical filter type.

**SECTION X. TRANSPORT INFORMATION**

NA

**SECTION XI. ECOLOGICAL INFORMATION**

NA

**SECTION XII. SPECIAL PRECAUTIONS**

## HANDLING AND STORAGE PRECAUTIONS

**HANDLING:** Store in a cool dry area. Do not allow product to contact organic materials or strong acids. Replace cap on container after each use. **KEEP OUT OF REACH OF CHILDREN**

## OTHERS

**PERSONAL HYGIENE:** Minimize inhalation of vapors. Avoid skin contact. Remove contaminated clothing and wash before reuse. Cleanse skin thoroughly after contact.

**DISCLAIMER**

This information was taken for an actual MSDS given by the supplier and/or manufacturer and only given the proper format to standardize all finished goods used in Industrias AIEn.

Industrias AIEn does not guarantee in any form expressed or implied and it's not responsible for the correctness or accuracy of the information contained in this MSDS. It is user's responsibility to determine safe conditions for use to assume liability or loss, injury, damage or damage resulting from improper use of this product.

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