

# SAFETY DATA SHEETS

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

CHEMTREC EMERGENCY TEL: 1-800-424-9300

Pro-Line Industrial – 800-263-9436

NEXGEN

PO Box 401. Dixon, CA 95620

PRODUCT ITEM#: QPA302 / 3020

DATE PREPARED: 5/31/15

RECOMMENDED USE: Lemon Plug Away Drain Opener

RESTRICTIONS ON USE: For Industrial and Professional Use

PRODUCT DILUTION INFORMATION: Ready to use

## SECTION 2 – HAZARDOUS INGREDIENT/IDENTITY INFORMATION

### GHS Classification

Corrosive to Metals: Category 1

Skin Corrosion: Category 1

Eye irritation: Category 1

### GHS LABEL ELEMENT:



Signal Word: Danger

Hazard Statements: May be corrosive to aluminum and soft metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS: **Prevention:** Wash skin thoroughly after handling. Wear protective gloves/protective clothing/ eye protection/ face protection.

**Response: IF SWALLOWED:** rinse mouth. Do NOT induce vomiting. **IF ON SKIN:(or hair):** Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse.

**Disposal:** Dispose of contents/ container according to all local and federal laws and regulations.

**OTHER HAZARDS:** None known

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

PURE SUBSTANCE/MIXTURE: CHEMICAL NAME: Mixture % of Chemical

Sodium Hydroxide -CAS# 1310-73-2

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret

## SECTION 4 – FIRST AID MEASURES

**IN CASE OF EYE CONTACT :** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**IN CASE OF SKIN CONTACT :** Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

**IF SWALLOWED :** Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**IF INHALED :** Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

**PROTECTION OF FIRST-AIDERS :** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**NOTES TO PHYSICIAN :** TREAT SYMPTOMATICALLY.

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## **SECTION 5 – FIRE – FIGHTING MEASURES**

**SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA:** Dry chemical, Foam, CO2, Water spray

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Non Flammable or combustible

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** Use personal protective equipment

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** At all times wear rubber gloves and goggles.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow contact with soil or storm drains.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Wipe or mop up small spills. Dike and absorb large spills with absorbent. Place all material into DOT-approved containers. Flush to a sanitary sewer with water. Do not permit material to enter storm drains, surface water, or contaminate land. Provide adequate ventilation.

## **SECTION 7 – HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:** Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Do not store near acids. Keep out of reach of children. Store in suitable labeled containers.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters, e.g., occupational exposure limit values or biological limit values:**

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
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**APPROPRIATE ENGINEERING CONTROLS:** Natural ventilation is sufficient

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**

**EYE PROTECTION:** Safety goggles, Face-shield

**HAND PROTECTION:** Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**SKIN PROTECTION:** Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

**RESPIRATORY PROTECTION:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b> Red Liquid	<b>ODOR:</b> Lemon	<b>PH:</b> 13	<b>MELTING POINT/FREEZING POINT:</b> N/A
<b>INITIAL BOILING POINT AND BOILING RANGE:</b> N/A	<b>FLASH POINT:</b> N/A	<b>EVAPORATION RATE:</b> N/A	
<b>FLAMMABILITY (SOLID, GAS):</b> N/A	<b>UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:</b> N/A		
<b>VAPOR PRESSURE:</b> N/A	<b>VAPOR DENSITY:</b> N/A	<b>RELATIVE DENSITY:</b> 1.23	<b>SOLUBILITY:</b> N/A
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER:</b> N/A	<b>AUTOIGNITION TEMPERATURE:</b> N/A		
<b>TEMPERATURE:</b> N/A	<b>DECOMPOSITION</b>		

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## SECTION 10 – STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable **POSSIBILITY OF HAZARDOUS REACTIONS:** None

**CONDITIONS TO AVOID (E.G., STATIC DISCHARGE, SHOCK OR VIBRATION):** None

**INCOMPATIBLE MATERIALS:** Acids **HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition products may include the following materials: Carbon oxides, nitrogen oxides (NOx), Sulfur oxides, Oxides of phosphorus

## SECTION 11 – TOXICOLOGICAL INFORMATION

**INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:** Inhalation, Ingestion, Skin and Eye Contact

### **Potential Health Effects**

**Eyes:** Causes serious eye damage. **Skin:** Causes severe skin burns. **Ingestion:** Causes digestive tract burns.

**Inhalation:** May cause nose, throat, and lung irritation.

**Chronic Exposure: Health injuries are not known or expected under normal use.**

### **Experience with human exposure**

**Eye contact:** Redness, Pain, Corrosion **Skin contact:** Redness, Pain, Corrosion **Ingestion:** Corrosion, Abdominal pain

**Inhalation:** Respiratory irritation, Cough

**Toxicity:** N/A

**Serious eye damage/eye irritation:** N/A

**Respiratory or skin sensitization:** N/A

**Carcinogenicity:** IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP:** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive effects:** N/A **Germ cell mutagenicity:** N/A **Teratogenicity :** N/A **STOT-single exposure :** N/A

**STOT-repeated exposure :** N/A **Aspiration toxicity :** N/A

## SECTION 12 – ECOLOGICAL INFORMATION

### **Ecotoxicity**

**Environmental Effects :** Harmful to aquatic life.

**Toxicity to fish :** N/A **Toxicity to daphnia and other aquatic invertebrates :** N/A **Toxicity to algae :** N/A

### **Ingredients**

**Toxicity to fish :** 2-butoxyethanol 96 h LC50: 1,474 mg/l

**Toxicity to daphnia & aquatic invertebrates:** 2-butoxyethanol 48 h EC50: 690 mg/l sodium hydroxide 48 h EC50: 40 mg/l

**Toxicity to algae :** 2-butoxyethanol 72 h EC50: 911 mg/l

**Persistence and degradability:** N/A **Bioaccumulative potential:** N/A **Mobility in soil:** N/A **Other adverse effects :** N/A

## SECTION 13. DISPOSAL CONSIDERATIONS

**DESCRIPTION OF WASTE RESIDUES:** This product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment.

**SAFE HANDLING AND METHODS OF DISPOSAL:** Dispose of in accordance with all Local, State, and Federal regulations.

**DISPOSAL OF ANY CONTAMINATED PACKAGING:** Dispose of in accordance with all Local, State, and Federal regulations.

## SECTION 14. TRANSPORT INFORMATION

**UN NUMBER:** UN1824 **UN PROPER SHIPPING NAME:** SODIUM HYDROXIDE SOLUTION

**TRANSPORT HAZARD CLASS:** 8 **PACKING GROUP:** III **MARINE POLLUTANT:** No

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## SECTION 15. REGULATORY INFORMATION

**EPCRA:** Emergency Planning and community **EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity:** This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards:** Acute Health Hazard

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313:** This material does not contain chemical components with known amounts that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories: 1907/2006 (EU) :** N/A

**Switzerland. New notified substances and declared preparations :** N/A

**United States TSCA Inventory :** On TSCA Inventory

**Canadian Domestic Substances List (DSL) :** This product contains one or several components listed in the Canadian NDSL.

**Australia Inventory of Chemical Substances (AICS) :** N/A **New Zealand. Inventory of Chemical Substances :** N/A

**Japan. ENCS - Existing and New Chemical Substances Inventory :** N/A **Japan. ISHL - Inventory of Chemical Substances (METI) :** N/A **Korea. Korean Existing Chemicals Inventory (KECI) :** N/A

**Philippines Inventory of Chemicals and Chemical Substances (PICCS) :** N/A

**China. Inventory of Existing Chemical Substances in China (IECSC) :** N/A

## SECTION 16. OTHER INFORMATION

Version : 1.0 Prepared by : Regulatory Affairs

**REVISED INFORMATION:** Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**NFPA:**

Health: 3

Flammability: 0

Instability: 0

Special hazard: 0

**HMIS III:**

Health: 3

Flammability: 0

Physical Hazard: 0

0 = not significant, 1 =Slight, 2 = Moderate, 3 = High 4 = Extreme, \* = Chronic