



Crystal Packaging, Inc.

Line Clean One

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:	Line Clean One
Revision Date:	4/15/19
Version:	2
Chemical Family:	Solvent
Internal ID:	BP6030
Product Description:	A high caustic, concentrated cleaner
Product Use:	Caustic, concentrated cleaner designed to clean dispensing equipment to keep lines free and clear of build up.
Instructions:	Can be used stand alone or in conjunction with Line Clean Two (acidic)
Supplier Details:	Crystal Packaging, Inc. 9155 Boston Street Henderson, CO 80640
Contact:	1-800-262-8200
Phone:	303-778-1805
Email:	accountant@crystalpackaging.com
Emergency:	Chemtrec

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

- Health, Skin corrosion/irritation, 1 B
- Health, Serious Eye Damage/Eye Irritation, 1
- Health, Acute toxicity, 5 Inhalation
- Health, Specific target organ toxicity - Single exposure, 3
- Environmental, Hazards to the aquatic environment - Acute, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H314 - Causes severe skin burns and eye damage
- H318 - Causes serious eye damage
- H333 - May be harmful if inhaled
- H335 - May cause respiratory irritation
- H402 - Harmful to aquatic life

GHS Precautionary Statements:

- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P234 - Keep only in original packaging.
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 - Wash ... thoroughly after handling.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 - Immediately call a POISON CENTER/doctor/...



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P321 - Specific treatment (see ... on this label).
P363 - Wash contaminated clothing before reuse.
P390 - Absorb spillage to prevent material damage.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Ingestion; Eyes; Inhalation; Skin
Inhalation: Can cause moderate to severe irritation and inflammation of the respiratory tract.
Skin Contact: May cause burning. May cause irritation, tearing and redness.
Eye Contact: May cause serious eye irritation. May cause permanent eye damage. May cause loss of vision.
Ingestion: Aspiration hazard: Harmful or fatal if swallowed.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:			
CAS#	%	Chemical Name:	
0	20-24%	Water	
1310-73-2	72-76%	Sodium hydroxide solution	
527-07-1	1-5%	D-Gluconic acid, monosodium salt	

The concentration of sodium hydroxide with the dilution of water is minimized to 37%

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Remove contaminated clothing immediately. Promptly flush skin with water until all chemical is removed. Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye Contact: Immediately flush eyes with large amounts of water for at least 30 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
Ingestion: Do not induce vomiting. Get prompt, qualified medical attention. Rinse mouth with water.

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Special Hazards Arising from Substance: Fire Hazard: Not flammable.
Explosion Hazard: Product is not explosive.
Reactivity: May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

6 ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes, skin or on clothing. Do not breathe in vapor, mist, or spray. Keep away from drains and ground water. Evacuate area. Use personal protective equipment recommended in Section 8. Pick up excess with inert absorbant material and place into separate waste container. Watch out for slippery conditions when spillage.



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7**HANDLING AND STORAGE**

Handling Precautions:	Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or mist. Handle with care and avoid spillage on the floor (slippage). Keep material out of reach of children. Wash clothing before reuse and decontaminate or discard contaminated shoes. Wash thoroughly after handling. Do not puncture or drop containers.
Storage Requirements:	Store in cool/dry area. Keep away from incompatible materials (section 10). Protect container and its fittings from physical damage. Suitable packing materials. Store in corrosion-proof area.

8**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls:	All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage is probable.
Personal Protective Equipment:	Apron; Boots; Chemical goggles; Chemical safety glasses; Chemical splash goggles; Face shield; Goggles; Splash goggles. Neoprene gloves; Gloves (solvent resistant); Exhaust ventilation

Exposure Limits:**USA OSHA (TWA₅)/PEL): 2 mg/m³****ACGIH (TWA/TLV): 2 mg/m³****DFG (MAK): NA****Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.****In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.****Ventilation: Local exhaust at filling sites where leaking is probable.****Protective Gloves: Wear chemically resistant protective gloves.****Eye Protection: Chemical safety goggles and face shield.****Other Protective Equipment: NA****9****PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid
Spec Grav./Density:	1.3556
pH:	11-13

10**STABILITY AND REACTIVITY**

Reactivity:	May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Extreme temperatures. Ignition sources. Incompatible materials.
Materials to Avoid:	Strong Acids; Strong Oxidizers; Metals.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

**Crystal Packaging, Inc.****Line Clean One****11 TOXICOLOGICAL INFORMATION****Toxicity Data:**

Eye Effects: Causes permanent damage to the iris, cornea, or conjunctiva.
Skin Effects: Corrosive. Causes burns.
Acute Inhalation Effects: May be corrosive to respiratory tract.
Chronic Effects: Not Known.
Carcinogenicity: Not Known.
Mutagenicity: Not Known.
Teratogenicity: Not Known.

12 ECOLOGICAL INFORMATION

Elimination (persistence and degradability): Not known. Avoid release into the environment. Harmful to aquatic life.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

14 TRANSPORT INFORMATION

UN1824, Sodium hydroxide solution, 8, PGII
Bulk Hazard Only.

**15 REGULATORY INFORMATION**

[%] RQ (CAS#) Substance - Reg Codes

[20-24%] Water (0)

[72-76%] RQ(1000LBS), Sodium hydroxide solution (1310-73-2) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

[1-5%] D-Gluconic acid, monosodium salt (527-07-1) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

RQ = Reportable Quantity
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level



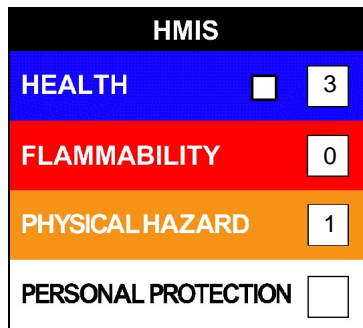
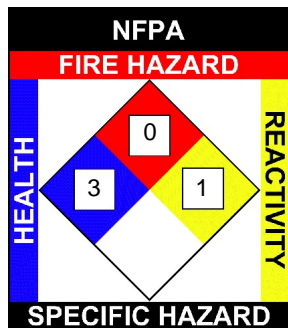
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16 OTHER INFORMATION

NFPA: Health = 3, Fire = 0, Reactivity = 1, Specific Hazard = n/a

HMIS III: Health = 3, Fire = 0, Physical Hazard = 1



Disclaimer:

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This information is given in good faith and based on our current knowledge of the product.

Revision Date: 4/15/19