

SAFETY DATA SHEET**VALUE Liquid Drain Opener****SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: VP Liquid Drain Opener

Formula Number: 14002004

Product Code(s): 05032, 05040, 05050, 10265, 48752, 50322, 50328, 50329

Product Description: Water-thin liquid with a slight yellow color and bleach odor

Recommended Use: Household drain opener, clog remover

Manufactured By: Custom Bottling & Packaging, Inc.

Address: 101 South Parker Drive

PO Box 9

Ashley, IN 46705

Phone: (260)-587-3155

National Poison Control Center: (800)-222-1222

SECTION 2 – HAZARDS IDENTIFICATION**HAZARD CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910.1200(d)**

Skin Corrosion/Irritation: Category 1

Eye Effects: Category 1

LABEL CONTENT IN ACCORDANCE WITH 29 CFR 1910.1200(f)

Hazard Pictogram(s):



Signal Word(s): Danger

Hazard Statement(s): Causes serious eye damage

Causes severe skin burns and eye damage

Precautionary Statement(s): General: Read label before use. Keep out of reach of children and pets. If medical advice is needed, have product container or label available.

Prevention: Avoid squeezing bottle when opening. Do not breathe mist or vapors. Avoid contact with eyes and skin. Wash hands and any exposed skin thoroughly after handling. Wear protective gloves and eye or face protection. Do not take internally. Do not mix with other household chemicals.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor or poison control center. IF IN EYE(S): Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or poison control center. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with cool water. Immediately call a doctor or poison control center. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or poison control center.

Storage: Store locked up. Transport and store in an upright position and in the original container.

Disposal: Dispose of in accordance with all applicable federal, state and local regulations. Do not reuse empty containers – flush with water and place in appropriate trash or recycling receptacle.

Supplemental Label Element(s): None known



Date Created: 05/24/2017

Date Revised: 05/22/2019

Revision #: 4

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Hazard(s) Not Otherwise Classified: None known

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<i>Hazardous Ingredient</i>	<i>Common Name(s) / Synonyms</i>	<i>CAS #</i>	<i>Weight %</i>
Sodium Hypochlorite	Bleach, Sodium Chloride Oxide, Sodium Oxychloride	7861-52-9	3-10%
Sodium Chloride	Salt, Common Salt, Halide	7647-14-5	1-4%
Sodium Hydroxide	Caustic Soda, Lye, Soda Lye	1310-73-2	1-4%

This product contains no known carcinogens present at or above de minimus level

SECTION 4 – FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or poison control center.

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with cool water. Immediately call a doctor or poison control center.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor or poison control center.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or poison control center.

Signs and symptoms of exposure: Ingestion: causes severe burns of mouth, throat, esophagus and stomach – symptoms include nausea, vomiting, diarrhea, and possibly death

Eye Contact: causes severe burns to eye tissues that may result in eye damage or blindness

Skin Contact: depending on exposure, varies from irritation to severe skin damage including dermatitis, redness, swelling, pain, scarring and possibly death

Inhalation: depending on exposure, varies from irritation of the nose and throat to severe burns with difficulty breathing, sneezing, shortness of breath and possibly death

Notes to physician: Contains sodium hydroxide, a strong alkali solution that is highly corrosive to tissues, including mucous membranes – also contains sodium hypochlorite and sodium chloride

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media: Foam, carbon dioxide, dry chemical – adding water to this product may generate large amounts of heat – direct water spray may spread fire – do not get water inside containers

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance

Specific hazards during fire-fighting: This product is not combustible, but containers may rupture in a fire situation. Violent steam generation may occur upon application of direct water stream to hot liquids. Thermal decomposition or burning may produce noxious and/or toxic fumes including oxides of carbon and nitrogen. Incomplete combustion may form carbon monoxide. Evacuate downwind personnel

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill response: Do not touch or walk through spilled material. Stop leak(s) only if you can do so without risk. Prevent release into waterways, sewers, basements or confined areas. Dilute the spilled material with water. Flush spill area with water and cover with sand, clay or dry earth and transfer waste to labeled containers

Other precautions: Evacuate personnel and ventilate area around spill. Keep personnel upwind of spill. Only trained and properly protected personnel must be involved in clean-up operations. Use appropriate safety equipment



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SECTION 7 – HANDLING AND STORAGE

Keep out of reach of children and pets. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Do not ingest. Do not mix with other household chemicals, as hazardous gases could be released. Keep container closed when not in use and store in a cool, dry place. Do not reuse empty container. Do not expose product to extreme hot or cold temperatures

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits

<u>Component</u>	<u>List</u>	<u>Type</u>	<u>Value</u>
Sodium Hypochlorite	AIHA	STEL	2 mg/m ³
	ACGIH	STEL	2 mg/m ³
Sodium Chloride (as a nuisance dust only)	ACGIH	TLV	10 mg/m ³
Sodium Hydroxide	OSHA	PEL	2 mg/m ³
	OSHA	TWA	2 mg/m ³
	ACGIH	TLV	2 mg/m ³
	NIOSH	IDLH	10 mg/m ³

Engineering Controls

Use in area with adequate ventilation to minimize exposure to product mist

Personal Protective Equipment (PPE)

Safety glasses, splash goggles and/or face shields are required when handling large quantities of product. Wear chemical-resistant gloves if there is a potential for skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is recommended

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slightly yellow, clear liquid

Upper flammability limit: Not available

Odor: bleach/hypochlorite

Lower flammability limit: Not available

Odor Threshold: Not available

Flammability: Not available

pH: 12.3 + 1.0

Auto-ignition temperature: Not available

Melting/freezing point: Not available

Decomposition temperature: Not available

Boiling point/boiling range: Not available

Specific gravity: 1.045 + 0.010

Flash point: > 212 °F

Solubility in water: Complete

Evaporation rate: Not available

Partition coefficient: Not available

Vapor pressure: Not available

Vapor Density: Not available

Viscosity: (water-thin)

SECTION 10 – STABILITY AND REACTIVITY

Chemical reactivity: Stable at normal use/storage conditions, will not hazardously polymerize

Chemical stability: Stable at normal use/storage conditions, will not hazardously polymerize

Conditions to avoid: Avoid contact with aluminum, tin and zinc, avoid exposure to excessive heat and light

Incompatible materials: Do not mix with other chemicals, including acids, reducing agents, ammonia or metals such as nickel, cobalt, copper and iron



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Hazardous decomposition products: In presence of acids, chlorine gas may be released – in a fire situation, normal products of combustion will be released

Hazardous reaction possibility: chlorine gas will be released if product comes into contact with incompatible materials

SECTION 11 – TOXICOLOGICAL INFORMATION

This product contains no known carcinogens. Likely routes of entry include inhalation, ingestion, skin contact, and eye contact.

Signs and symptoms of exposure: Ingestion: causes severe burns of mouth, throat, esophagus and stomach – symptoms include nausea, vomiting, diarrhea, and possibly death
 Eye Contact: causes severe burns to eye tissues that may result in eye damage or blindness
 Skin Contact: depending on exposure, varies from irritation to severe skin damage including dermatitis, redness, swelling, pain, scarring and possibly death
 Inhalation: depending on exposure, varies from irritation of the nose and throat to severe burns with difficulty breathing, sneezing, shortness of breath and possibly death

<u>Component</u>	<u>Acute toxicity, ingestion</u>	<u>Acute toxicity, absorption</u>	<u>Repeated dose toxicity</u>	<u>Developmental toxicity</u>	<u>Reproductive toxicity</u>	<u>Genetic toxicity</u>
Sodium Hypochlorite	3,000-5,000 mg/kg, LD50, rat	>2,000 mg/kg, LD50, mouse	not available	not available	not available	not available
Sodium Chloride	3,000 mg/kg, LD50, rat	>10,000 mg/kg, LD50, rabbit	not available	adverse reproductive effects in humans (fetotoxicity)	increased risk of toxemia of pregnancy in susceptible women	may affect genetic material
Sodium Hydroxide	not available	1,350 mg/kg, LD50, rabbit	chronic effects generally result of long-term irritation	none known	none known	none known

SECTION 12 – ECOLOGICAL INFORMATION

<u>Component</u>	<u>Aquatic Ecotoxicity</u>	<u>Terrestrial Ecotoxicity</u>	<u>Persistence & Degradability</u>	<u>Bioaccumulative Potential</u>	<u>Soil Mobility</u>	<u>Other Adverse Effects</u>
Sodium Hypochlorite	very toxic to aquatic organisms	expected to be harmful to terrestrial species	rapidly degraded, will not persist in the environment	not bioaccumulative	easily infiltrates soil	none known
Sodium Chloride	moderately toxic to aquatic organisms	moderately toxic to terrestrial organisms	no data available	not bioaccumulative	expected to be highly mobile in soil	none known
Sodium Hydroxide	toxic to aquatic organisms	toxic to terrestrial organisms	expected to rapidly degrade and not persist in the environment	not bioaccumulative	expected to be highly mobile in soil	none known

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable federal, state and local regulations. Do not reuse empty containers – flush with water and place in appropriate trash or recycling receptacle

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SECTION 14 – TRANSPORTATION INFORMATION

UN Number: UN1791
 UN Proper Shipping Name: Hypochlorite solution
 Transportation Hazard Class(es): 8
 Packing Group: III
 Environmental Hazards: n/a
 Transport in bulk: n/a (not shipped in bulk containers)
 Limited Quantity Exception possible: Yes, provided that inner packaging is 5.0 liter (169 US fluid ounces) or less – see 49 CFR 173.154 for more details

SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients in this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30

FIFRA: This product is not a registered pesticide

CERCLA reportable quantity: 100 lbs Sodium Hypochlorite (approximately 5,497 lbs or approximately 628 gallons finished product)

California Proposition 65: This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute

SARA Title III 302 extremely hazardous substance: No

SARA Title III 313 reportable ingredients: No

SARA Title III 311/312 hazard categories:

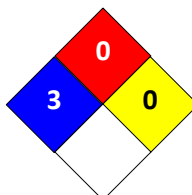
	<u>Yes</u>	<u>No</u>
Immediate Hazard	X	
Delayed Hazard	X	
Fire Hazard		X
Pressure Hazard		X
Reactivity Hazard	X	

SECTION 16 – OTHER INFORMATION

This product should only be used as directed on the label and for its intended purpose. This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer’s control and all chemicals may present unknown hazards and should be used with caution. User is responsible for evaluating all available information when using this product for a particular use and to comply with all applicable federal, state and local laws and regulations.

Date Created: 05/24/2017

Date of Last Revision: 05/22/2019



HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B