

D-Clog (Rev. 08/08/2023)

SDS Number: SW40E

Revision Date: 8/8/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: D-Clog (Rev. 08/08/2023)
SDS Number: SW40E
Product Code: SW40
Revision Date: 8/8/2023
Product Use: Liquid Drain Solvent

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

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

Physical, Corrosive to Metals, 1
Health, Aspiration hazard, 2
Health, Skin corrosion/irritation, 1 A
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:

H290 - May be corrosive to metals
H305 - May be harmful if swallowed and enters airways
H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation
H402 - Harmful to aquatic life

GHS Precautionary Statements:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe mist or vapor.
P271 - Use only outdoors or in a well-ventilated area.
P264 - Wash thoroughly after handling.
P234 - Keep only in original container.
P273 - Avoid release to the environment.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P403+233 - Store in a well ventilated place. Keep container tightly closed.
 P405 - Store locked up.
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Route of Entry: Ingestion, skin absorption, eye, inhalation
Inhalation: Can cause nasal and respiratory irritation or damage to respiratory tract.
Skin Contact: Product is a severe skin irritant. Prolonged or repeated contact of concentrated product with skin will cause irritation.
Eye Contact: Product is a severe eye irritant. Prolonged or repeated contact of concentrated product with eye will cause irritation, reddening, and possible corneal damage.
Ingestion: Can cause damage to mouth, esophagus and stomach. Ingestion may cause burns of mucous membranes, nausea, vomiting and possible internal damage.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
1310-73-2	5%	Sodium hydroxide
7681-52-9	5%	Sodium hypochlorite

4 FIRST AID MEASURES

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
Ingestion: Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Get immediate medical advice/attention.

The most important symptoms/effects are: Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Treat symptomatically.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5 FIRE FIGHTING MEASURES

Flammability: Non flammable
Flash Point: None to boiling
Flash Point Method: Not Available

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Extinguishing media: Water fog, Foam, dry chemical, carbon dioxide (CO2).

Special Fire fighting procedures: During fire, gases hazardous to health may be formed. Use self-contained breathing apparatus and protective clothing if needed.

Unusual Fire & Explosion Hazard: None

6	ACCIDENTAL RELEASE MEASURES
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Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Safely stop spill at source. Contain spill by diking with soil or other inert material and carefully neutralize with dilute acid. Mop, pump or absorb with inert material and reclaim into sound containers for proper disposal.

7	HANDLING AND STORAGE
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Handling Precautions: Wear appropriate personal protective equipment. Do not breathe mist or vapor. Use with adequate ventilation. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

Laundry contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage Requirements: Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool dry, climate controlled area, away from incompatibles, sparks and open flame.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Ventilation Requirement: Local exhaust
Personal Protective Equipment: Respiratory Protection: None required under normal use conditions.
 Protective gloves: Chemical resistant gloves.
 Eye protection: Safety glasses/goggles

Wear appropriate chemical resistant clothing.

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Sodium hydroxide cas#:(1310-73-2) [5%]

Components with workplace control parameters

CEIL 2 mg/m3 USA. ACGIH Threshold Limit Values (TLV)

C 2 mg/m3 USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

TWA 2 mg/m3 USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

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C 2 mg/m3 USA. ACGIH Threshold Limit Values (TLV)

Eye, skin, & Upper Respiratory Tract irritation

C 2 mg/m3 USA. NIOSH Recommended Exposure Limits

Sodium hypochlorite cas#:(7681-52-9) [5%]

Components with workplace control parameters

STEL 2 mg/m3 USA. Workplace Environmental Exposure Levels (WEEL)

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Clear, colorless to yellowish green liquid		
Physical State:	Liquid	Odor:	Characteristic
Spec Grav./Density:	1.13 +/- 0.1	Solubility:	Complete
Boiling Point:	~ 212 Deg. F.	Flash Point:	None to boiling
Flammability:	Non flammable	VOC:	NA
pH:	> 13		

10	STABILITY AND REACTIVITY
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Chemical Stability:	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Contact with incompatible materials, Heat.
Materials to Avoid:	Acids, oxidizers, chlorinated detergents, Ammonia.
Hazardous Decomposition:	Carbon dioxide, Carbon monoxide.
Hazardous Polymerization:	Will not occur

11	TOXICOLOGICAL INFORMATION
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Ingestion May cause gastrointestinal irritation.

Inhalation May cause respiratory irritation.

Skin Contact May cause severe irritation.

Eye Contact May cause severe irritation.

Sodium hydroxide cas#:(1310-73-2) [5%]

Information on toxicological effects

Acute toxicity: Dermal LD50 1350 mg/kg (Rabbit)

Inhalation: no data available

Dermal: no data available

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Skin corrosion/irritation: Skin - rabbit Result: Causes severe burns. - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Corrosive - 24 h

Respiratory or skin sensitisation: Will not occur

Germ cell mutagenicity: no data available

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.

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

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

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

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: WB4900000

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Sodium hypochlorite cas#:(7681-52-9) [5%]

Information on toxicological effects

Acute toxicity:	Derma ¹	LD50	> 2 g/kg (Rabbit)
	Ora ¹	LD50	3-5 g/kg (Rat)

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

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.

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

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

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

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

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ECOLOGICAL INFORMATION

Data summary for the components are as follows:

Sodium hydroxide cas#:(1310-73-2) [5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - *Gambusia affinis* (Mosquito fish) - 125 mg/l - 96 h.

LC50 - *Oncorhynchus mykiss* (rainbow trout) - 45.4 mg/l - 96 h

Toxicity to daphnia and Immobilization EC50 - *Daphnia* - 40.38 mg/l - 48 h.

other aquatic invertebrates

Persistence and degradability: The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Sodium hypochlorite cas#:(7681-52-9) [5%]

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Information on ecological effects

Toxicity: Crustacea LC50 1 mg/l Daphnia
Fish LC50 0.6 mg/l, 48 hrs Bluegill (Lepomis machrochirus)

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

13	DISPOSAL CONSIDERATIONS
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Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.
Do not re-use empty containers.

14	TRANSPORT INFORMATION
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Proper Shipping Name for Quart containers: Consumer Commodity, ORM-D

Proper Shipping Name for Gallon Quantities or Larger:
NA1760,Compounds,Cleaning Liquid (Sodium Hydroxide)(Sodium Hypochlorite),8,PGIII

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

[5%] RQ(1000LBS), Sodium hydroxide (1310-73-2) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

[5%] RQ(100LBS), Sodium hypochlorite (7681-52-9) CERCLA, CSWHS, MASS, PA, 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
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

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