

D-Clog

MSDS Number: SW40D

Revision Date: 6/8/2016

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| | |
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| 1 | PRODUCT AND COMPANY IDENTIFICATION |
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Manufacturer

Wechem, Inc
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Web: www.wechem.com

Product Name: D-Clog
Revision Date: 6/8/2016
MSDS Number: SW40D
Product Code: SW40
Product Use: Liquid Drain Solvent

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

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| 2 | HAZARDS IDENTIFICATION |
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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.

| PERSONAL PROTECTION INDEX | | | | | | | | | | | | | |
|---------------------------|--|----------|--|----------|----------|---|--|----------|----------|------------------------|--|----------|--|
| A | | G | | | | B | | | H | | | | |
| C | | | | | I | | | | J | | | | |
| D | | | | | K | | | | | | | | |
| E | | | | | L | | | | | | | | |
| F | | | | | M | | | | | | | | |
| N | | | | | X | Consult your supervisor or S.O.P. for "SPECIAL" handling directions | | | | | | | |
| A | | n | | o | | p | | q | | r | | s | |
| t | | u | | w | | y | | z | | Additional Information | | | |

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Corrosive to Metals, 1
- Health, Aspiration hazard, 2
- Health, Aspiration hazard, 1
- Health, Skin corrosion/irritation, 1 A
- Health, Specific target organ toxicity - Single exposure, 3
- Environmental, Hazards to the aquatic environment - Acute, 3

GHS Phrases:

- H290 - May be corrosive to metals
- H305 - May be harmful if swallowed and enters airways
- H304 - May be fatal 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.
- 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.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Chemical Name | Perc. | OSHA PEL (ppm) | ACGIH TLV(ppm) | Carcin. Ref. |
|-----------|---------------------|-------|-------------------|-------------------|-----------------|
| 1310-73-2 | Sodium hydroxide | 2-10% | 2mg/m3 | 2mg/m3 | D |
| 7681-52-9 | Sodium hypochlorite | 2-10% | NA | NA | D |

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FIRST AID MEASURES

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| 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. |

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FIRE FIGHTING MEASURES

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

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

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ACCIDENTAL RELEASE MEASURES

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.

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| 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.

Storage Requirements: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. 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.

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| 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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Engineering Controls: Ventilation Requirement: Local exhaust
Personal Protective Equip: HMIS PP, B | Goggles, Gloves
 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.

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

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| 10 | STABILITY AND REACTIVITY |
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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

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TOXICOLOGICAL INFORMATION

Ingestion May cause gastrointestinal irritation.

Inhalation May cause respiratory irritation.

Skin Contact May cause severe irritation.

Eye Contact May cause severe irritation.

Acute Toxicity

Data summary for the components are as follows:

Sodium hydroxide (CAS 1310-73-2)
Dermal LD50 1350 mg/kg (Rabbit)

Sodium hypochlorite (CAS 7681-52-9)
Dermal LD50 > 2 g/kg (Rabbit)
Oral LD50 3-5 g/kg (Rat)

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ECOLOGICAL INFORMATION

Data summary for the components are as follows:

Sodium hydroxide (CAS 1310-73-2)
Aquatic
Fish LC50 25 ppm, 24 hrs Brook trout
LC50 48 ppm King salmon
Invertebrates EC50 100 ppm Daphnia magna
EC50 33-100 ppm, 48 hrs shrimp
EC50 330-1000 ppm, 48 hrs cockle

Sodium hypochlorite (CAS 7681-52-9)
Aquatic
Crustacea LC50 1 mg/l Daphnia
Fish LC50 0.6 mg/l, 48 hrs Bluegill (Lepomis macrochirus)

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DISPOSAL CONSIDERATIONS

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.

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TRANSPORT INFORMATION

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

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REGULATORY INFORMATION

*Sodium hydroxide (1310732 2-10%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

*Sodium hypochlorite (7681529 2-10%) CERCLA, CSWHS, MASS, PA, TSCA

REGULATORY KEY DESCRIPTIONS

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

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OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined