

Austin's Destainer

SDS Number: 230

Revision Date: 6/2/2015

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Name: Austin's Destainer
Revision Date: 6/2/2015
Version: 1
SDS Number: 230
Common Name: Sodium Hypochlorite
CAS Number: 7681-52-9
Product Code: N/A
RCRA Number: D002
Chemical Formula: NaOCl
Synonyms: Bleach, Liquid Bleach, Soda Bleach, Pool Shock
Internal ID: 90980090

Emergency phone number: CHEMTREC

US: 1-800-424-9300

Canada: 1-800-567-7455

Poison Control Center: 1-800-222-1222

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HAZARDS IDENTIFICATION

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Corrosive to Metals, 1
Health, Skin corrosion/irritation, 1 B
Health, Serious Eye Damage/Eye Irritation, 1
Health, Specific target organ toxicity - Single exposure, 3
Environmental, Hazards to the aquatic environment - Acute, 1
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Phrases:

H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage



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- H318 - Causes serious eye damage
- H335 - May cause respiratory irritation
- H400 - Very toxic to aquatic life
- H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 - Wash exposed skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
- P273 - Avoid release to the environment.
- P220 - Keep/Store away from clothing/combustible materials.
- P262 - Do not get in eyes, on skin, or on clothing.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P370+378 - In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.
- P401 - Store upright in a cool, dry place.
- P501 - Dispose of contents/container to an approved waste disposal plant.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Percentage | Chemical Name |
|-----------|----------------|---------------------|
| 7681-52-9 | 12.50 - 12.70% | Sodium hypochlorite |
| 7732-18-5 | 87.30 - 87.50% | Water |

4 FIRST AID MEASURES

- Inhalation:** Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Skin Contact:** Immediately rinse with plenty of water while removing any contaminated clothing.
- Eye Contact:** Rinse immediately with plenty of water. Keep eye(s) wide open while rinsing. Avoid rubbing the affected area.
- Ingestion:** Do NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water. Call a physician or poison control center.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

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5 FIRE FIGHTING MEASURES

| | |
|----------------------------|--------------------------|
| Flammability: | Not flammable |
| Flash Point: | No information available |
| Flash Point Method: | No information available |
| Burning Rate: | No information available |
| Autoignition Temp: | No information available |
| LEL: | No information available |
| UEL: | No information available |

Highly exothermic reactions with organic materials and oxidizable materials may cause fires.

In the event of a fire, wear full protective clothing and MSHA/NIOSH self-contained breathing apparatus with a full facepiece operated in the pressure-demand or other positive pressure mode.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment; Water spray may be used to keep fire exposed containers cool.

6 ACCIDENTAL RELEASE MEASURES

Use personal protective equipment as required/recommended. Evacuate public to a safe area. Avoid contact with skin, eyes, and clothing.

Prevent spills from entering sewers or waterways. Contain run-off using diking composed of a suitable material. Soak up liquid on inert absorbant and transfer to an approved container. Clean contaminated surface thoroughly.

7 HANDLING AND STORAGE

| | |
|------------------------------|---|
| Handling Precautions: | Use personal protective equipment as required/recommended. Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Use suitable respiratory equipment in case of inadequate ventilation. |
| Storage Requirements: | Store using properly labeled containers in a cool, dry, well ventilated area. Keep out of reach of children. Separate from incompatible materials. |

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|-----------------------------------|--|
| Engineering Controls: | Use adequate ventilation, especially in confined spaces |
| Personal Protective Equip: | Chemical splash goggles; Face shield; Neoprene gloves; NIOSH approved respirator; Apron. |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|---------------|--------------------|------------------------------|
| Appearance: | Clear yellow | Odor: | Pungent; Chlorine |
| Physical State: | Liquid | Solubility: | Completely miscible in water |
| Spec Grav./Density: | 1.200 - 1.250 | | |
| pH: | 12-14 | | |

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STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Stability: | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Conditions to Avoid: | Contact with incompatible materials. Excessive heat and exposure to light. Reacts violently with strong acids producing chlorine gas. Contact with amines will result in chloramines. |
| Materials to Avoid: | Strong oxidizing agents, acids, metals, organic compounds, ammonia. Oxidizable or combustible materials. |
| Hazardous Decomposition: | None under normal processing. |
| Hazardous Polymerization: | Will not occur. |

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TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: Causes eye burns.

Skin Effects: Causes skin burns.

Acute Inhalation Effects: Vapors and mist may irritate throat and respiratory system; may cause coughing.

Chronic Effects: Prolonged or repeated overexposure causes lung damage.

Carcinogenicity: Not a known carcinogen.

Mutagenicity: Not Known.

Teratogenicity: Not Known.

Acute Toxicity:

Oral (LD 50): No data available

Inhalation (LC 50): No data available

Skin irritation: Causes severe skin burns and eye damage

Eye irritation: Causes serious eye damage

Sensitation: No data available

Chronic Toxicity: IARC Group 3; Not classifiable as a human carcinogen

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ECOLOGICAL INFORMATION

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a national pollutant discharge elimination system (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

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DISPOSAL CONSIDERATIONS

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

Do not re-use or refill this container. Triple rinse container promptly after emptying.

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TRANSPORT INFORMATION

DOT Class: Corrosive (8) #8

UN #: UN 1791, Class: 8, Proper Shipping Name: Hypochlorite solutions



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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Sodium hypochlorite (7681529 12.50-12.70%) CERCLA, CSWHS, MASS, PA, TSCA

*Water (7732185 87.30-87.50%) TSCA

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act

OSHAWAC = OSHA workplace Air Contaminants

TXAIR = TX Air Contaminants with Health Effects Screening Level



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OTHER INFORMATION

Author: James Austin Company

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Revision Note: MSDS converted to GHS SDS format

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