

SECTION 1 - PRODUCT IDENTIFICATION

Product name: Soda Machine Drain Cleaner

Product code: None

Manufacturer details

Company: Apter Industries Inc.
PO Box 456
McKeesport, PA. 15134-456
USA

SDS Request: 1-800-441-7146

Customer Service: 1-800-441-7146

Emergency telephone number

Chemtrec Domestic (24hr): 1-800-424-9300

Chemtrec International (24 hr): 1-703-527-3887

Recommended use of the chemical and restrictions for use

Recommended use: Use in drains

Restrictions for use: Advice in this document relates only to the product manufactured. The information of the ingredients used in this product has been provided by various suppliers. Additional hazards may occur if not used in accordance with product labeling.

SECTION 2 – HAZARDS IDENTIFICATION**GHS Classification**

Skin irritation: Category 1

Eye irritation: Category 1

GHS label element

Hazard pictograms:



Signal word: Danger

Hazard statements

Harmful if swallowed

Skin corrosion/irritation

Serious eye damage/irritation

Precautionary statements:**Prevention**

Avoid breathing mist, fumes, vapors, or spray

Only use in well-ventilated areas or outdoors

Wash face, hands, and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/ eye protection/ face protection

Precautionary statements:**Response**

Specific treatment (see supplemental first aid instructions on this label)

Precautionary statements:**Storage**

Keep product lid closed tightly while storing

Store locked up

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Precautionary statements:**Disposal**

Use all material in container and dispose container in accordance with local, state, and federal regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS-No	Weight %	Trade Secret
Water	7732-18-5	>80	*
Amphoteric surfactant	64972-19-6	1 – 5	*
Phosphoric acid	7664-38-2	5 – 10	*
Alkyl dimethyl ethyl benzyl ammonium chloride	68956-79-6	.1 – 2	*
Alkyl dimethyl benzl ammonium chloride	68391-01-5	.1 – 2	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES**First aid measures****General advice:**

In general no treatment is necessary, however, obtain medical advice. Present this safety data sheet if obtaining medical advice.

Eye contact:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Remove contact lenses. Prolonged exposure may irreversible eye damage. If irritation persists seek medical attention.

Skin contact:

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap, if available. If persistent irritation occurs, obtain medical attention. If a delayed burning sensation occurs, wash off skin with cool water again and seek medical attention.

Inhalation:

Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility.

Ingestion:

DO NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Protection of first-aiders:

When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

Immediate medical attention, special treatment:

Call a doctor or poison control for guidance. Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES**Suitable extinguishing media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

None. CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from Compound:

No information available.

Explosion data:

Product is not explosive.

Protective equipment and precautions for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation. Use personal protective equipment. Avoid breathing vapors or mists. Refer to sections 7 and 8.
Environmental precautions:	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning up:	Prevent further leakage or spillage if safe to do so. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling:	Handle with good industrial hygiene and safety practice. Avoid contact with skin, eye and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid breathing vapors or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Conditions for safe storage, including any incompatibilities:	Keep containers tightly closed and in a dry, cool and well-ventilated place. Keep out of the reach of children. Avoid storing with acids and chlorinated compounds.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTIONControl parametersExposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric acid 7664-38-2	STEL: 3 mg/m ³ TWA: 1 mg/m ³	TWA: 1 mg/m ³ (vacated) TWA: 1 mg/m ³ (vacated) STEL: 3 mg/m ³	IDLH: 1000 mg/m ³ TWA: 1 mg/m ³ STEL: 3 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other exposure guidelines:	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11 th Cir.,1992)
Appropriate engineering controls:	General ventilation systems. Recommended eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face Protection:	If splashes are likely to occur, wear safety glasses with side-shields.
Skin and Body Protection:	Wear protective gloves and clothing. Long sleeved shirts and impervious gloves and recommended.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures:	Handle with good industrial hygiene and safety practice. Avoid contact with skin, eye and clothing. Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
pH:	1.5 to 2.2
Melting point/freezing point:	No data available
Boiling point/boiling range:	No data available
Flash point:	816 _c /1500 _F

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Evaporation rate:

No data available

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Flammability (solid,gas):	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Water solubility:	Completely miscible
Solubility in solvents:	No data available
Partition coefficient: n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available
Explosive properties:	None
Oxidizing properties:	None
Softening point:	No data available
VOC content:	None

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Does not occur.
Conditions to avoid:	Exposure to air or moisture over prolonged periods.
Incompatible material:	Acids. Bases. Oxidizing agents. Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides

SECTION 11 – TOXICOLOGICAL INFORMATIONInformation on likely routes of exposure**Product information**

Inhalation:	There is no data available for this product. May cause irritation of respiratory tract
Eye contact:	There is no data available for this product. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching and pain. May cause temporary eye irritation.
Skin contact:	There is no data available for this product. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation.
Ingestion:	There is no data available for this product. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Phosphoric acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg (Rabbit)	> 850 mg/m ³ (Rat) 1 h

Information of toxicological information:

Symptoms – Redness of the skin. May cause blindness. Coughing and/or wheezing.

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization:	No information available
Mutagenic effects:	No information available
Carcinogenicity:	Contains no ingredient listed as a carcinogen.
Reproductive toxicity:	No information available
STOT-Single exposure:	No information available
STOT-Repeated exposure:	No information available
- Chronic Toxicity:	No known effects based on information supplied. May cause bronchial irritation.
- Target Organ Effects:	Respiratory system. Eyes. Skin. Blood. Gastrointestinal system(GI).
- Aspiration Hazard:	No information available

Numerical measures of toxicity Product Information

The following values are calculated on Chapter 3.1 of the GHS document

ATEmix (oral):	7,565.00 mg/kg
ATEmix (dermal):	30,030.00 mg/kg (ATE)

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic life
Persistence and Degradability:	No information available
Bioaccumulation:	No information available
Other adverse effects:	No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Methods: This material, as supplied, is not hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if this material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional or local regulations for additional requirements.

Contaminated Packaging: Dispose in accordance with local regulations.

California Hazardous Waste Codes: 561

This product contains one or more substances that are listed with the state of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Phosphoric acid 7664-38-2	Corrosive

SECTION 14 – TRANSPORT INFORMATION

DOT:	Not regulated
Proper shipping name:	Non regulated
Hazard class:	N/A
TDG:	Not regulated
MEX:	Not regulated
ICAQ:	Not regulated
IATA:	Not regulated
Proper shipping name:	Non regulated
Hazard class:	N/A
IMDG/IMO:	Not regulated

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Hazard class:

N/A

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RID: Not regulated
ADR: Not regulated
AND: Not regulated

SECTION 15 – REGULATORY INFORMATION

TSCA: Complies
DSL: All components are listed either on the DSL or NDSL.

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Sara 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Clean Water Act: This product does contain a substance regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)L:

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric acid 7664-38-2	5000 lb			X

CERCLA: This material, as supplied, does contain a substance regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to the releases of this material:

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Phosphoric acid 7664-38-2	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

U.S. State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Phosphoric acid 7664-38-2	X	X	X

International Regulations

Mexico – Grade Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Phosphoric acid		Mexico: TWA 1 mg/m ³ Mexico: STEL 3 mg/m ³

Canada

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Chemical Name	Carcinogen Status	Exposure Limits
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WHMIS Hazard Class – Corrosive material

**SECTION 16 – OTHER INFORMATION**

NFPA: Health Hazard 2 Flammability 1 Instability 0 Physical and Chemical Hazards –
 HMIS: Health Hazard 2 Flammability 1 Physical Hazard 0 Personal Protection X

Prepared By: Apter Industries, Inc.
 PO Box 456
 McKeesport, PA 15134-456

Issuing Date: 2/2/15

Revision Date: 11/30/16

Revision Note: No information available

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet