

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : CON-CLEAN
Product form: Powder
Other means of identification: 0650

Relevant identified uses of the substance or mixture: Powdered Drain Cleaner

Details of the supplier of the safety data sheet

Manufacturer:
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150
Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Corrosive to metals-Category 1
Serious eye damage/Eye Irritation - Category 1
Skin corrosion/ irritation - Category 1
Acute toxicity – Category 5
Specific target organ toxicity-single exposure(Category 3), Respiratory system.
Acute aquatic toxicity- Category 3

Pictogram



Signal Word

Danger

Hazard Statements

May be corrosive to metals.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Harmful to aquatic life.

Precautionary Statements – Prevention

Keep only in original container tightly closed.

Use in well-ventilated area.

Wash face, hands and any exposed skin thoroughly after handling

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

Avoid breathing dust or mist.

Avoid release to the environment.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If irritation occurs get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.

IF SWALLOWED: Do not induce vomiting. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements – Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store in a corrosive resistant container.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

Name	Product identifier	Weight %
Sodium Carbonate	(CAS No) 497-19-8	50-60
Sodium Hydroxide	(CAS No) 1310-73-2	1-5
Trisodium Phosphate	(CAS No) 10101-89-0	10-20
Sodium silicate	(CAS No) 6834-92-0	1-10
Sodium dodecylbenzenesulfonate	(CAS No) 25115-30-0	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause severe skin burns and eye damage

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide, water spray..

Unsuitable Extinguishing Media: No data available.

Specific Hazards Arising from the Chemical

No data available

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved and full protective gear. Keep upwind of the fire.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment. Pick up and arrange for disposal without creating dust.

Methods for Cleaning Up: Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or

smoke when using this product. Use personal protection recommended in Section 8. Avoid generation of dust.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

<u>Chemical Name</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH</u>
Sodium Carbonate	497-19-8	No exposure limits	No exposure limits	No exposure limits
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³
Trisodium Phosphate	10101-89-0	No exposure limits	No exposure limits	No exposure limits
Sodium silicate	6834-92-0	No exposure limits	No exposure limits	No exposure limits
Sodium dodecylbenzenesulfonate	25115-30-0	No exposure limits	No exposure limits	No exposure limits

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved chemical safety goggles/face shield at all time. Eyewash station is recommended.

Skin and Body Protection: Wear suitable protective clothing. Nitrile rubber gloves.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. Wear respiratory protection where airborne concentrations are expected to exceed exposure limits.

General Hygiene Considerations: Avoid contact with eyes and skin. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State Powder
Color Yellow

<u>Property</u>	<u>Values</u>
pH	12-13 at 50 g/l at 20 ° C (68 ° F)
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available
Flash Point	Not applicable
Evaporation Rate	No data available
Flammability (Solid,Gas)	No data available
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Water Solubility	soluble in water
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	Not an oxidizer
Odor	Lemon
Odor Threshold	No data available

Section X – Stability & Reactivity

Reactivity

Mildly reactive

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available.

Conditions to Avoid

Exposure to moisture.

Incompatible Materials

Strong acids, strong reducing agents, strong oxidizing agents, aluminum

Hazardous Decomposition Products

No data available.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information :

Inhalation: Avoid breathing dust or mists.

Eye Contact: Causes severe eye damage.

Skin Contact: Causes skin burns.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate	497-19-8	4,090 mg/kg (Rat)	No data available	5,750 mg/l – 2 h (Rat)
Sodium Hydroxide	1310-73-2	No data available	No data available	No data available
Trisodium Phosphate	10101-89-0	7,400 mg/kg (Rat)	No data available	No data available
Sodium silicate	6834-92-0	1,152-1,1349 mg/kg (Rat) male & female	No data available	No data available
Sodium dodecylbenzenesulfonate	25115-30-0	1080-1980 (Rat)	>2000 mg/kg (Rabbit)	No data available

Chemical Name	Sodium carbonate	Sodium Hydroxide
Skin corrosion/irritation	Mild-irritant (Rabbit)	Causes severe burns rabbit 24h
Serious eye damage/irritation	Irritant (Rabbit)	Corrosive rabbit 24h
Respiratory or skin sensitization	No data available	Will not occur
Mutagenicity	No data available	No data available
Carcinogenicity	No carcinogenic properties	No carcinogenic properties
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	No data available	No data available
Specific target organ toxicity-repeated exposure	No data available	No data available
Aspiration hazard	No data available	No data available

Chemical Name	Trisodium Phosphate	Sodium Silicate	Sodium dodecylbenzenesulfonate
Skin corrosion/irritation	Corrosive o skin	Corrosive o skin	Causes irritation
Serious eye damage/irritation	Serious eye damage	Serious eye damage	Serious eye damage
Respiratory or skin sensitization	No data available	Will not occur	No data available
Mutagenicity	No data available	Negative	Negative
Carcinogenicity	No carcinogenic properties	No carcinogenic properties	No carcinogenic properties
Reproductive toxicity	No data available	No data available	No data available
Specific target organ toxicity-Single exposure	No data available	Respiratory irritation	No data available
Specific target organ toxicity-repeated exposure	No data available	No data available	No data available
Aspiration hazard	No data available	No data available	No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Sodium Carbonate	497-19-8	No data available	LC50-Lepomis macrochirus (Bluegill)- 300 mg/l – 96 h	EC50-Daphnia magna (Water flea) – 265 mg/l -48 h
Sodium Hydroxide	1310-73-2	No data available	LC50 (Oncorhynchus mykiss (rainbow trout)): 45.4 mg/l 96 h, LC50 Gambusia affinis (mosquito fish)-125 mg/l – 96 h	LC50 Den-dronereides heteropoda(water flea): 4720 mg/l 96 h
Trisodium Phosphate	10101-89-0	No data available	LCO- Leuciscus idus (Golden orfe)-2,400 mg/l – 48h	No data available
Sodium silicate	6834-92-0	No data available	LC50-Danio rerio (Zebra fish) – 210 mg/l -96 h	No data available
Sodium dodecylbenzenesulfonate	25115-30-0	EC50 Algae 29 mg/l, 72 h	LC50 Fish 3mg/l, 96 h	EC50 Daphnia 1.62-9.3 mg/l, 48 h

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Bulk & Non Bulk: UN3262, Corrosive solids, basic, inorganic, N.O.S. (Sodium hydroxide, Sodium silicate), 8, PGIII

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Fire, acute health hazards.

SARA Title III Section 313 (40CFR372): No reportable component.

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:
None

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium Carbonate	X	Not regulated	X
Sodium Hydroxide	X	X	X
Trisodium Phosphate	X	X	X
Sodium silicate	X	Not regulated	X
Sodium dodecylbenzenesulfonate	Not regulated	Not regulated	Not regulated

Section XVI - Other information

HMIS ratings: Health: 2
 Flammability: 0
 Reactivity: 1
Indication of changes: Revision – 1
Date Sheet Prepared: 05/19//2015 Other information: Author – EHS Administrator

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END OF SDS