

## SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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### Tidet CI

Revision 0  
Revision date 2018-11-16

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Tidet CI
Product code	602289

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35] Washing and cleaning products (including solvent based products);
Description	Cleaner.

##### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	regulatorysupport@neogen.com

##### 1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
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##### Further information


Manufactured By:	Preserve International 944 Nandino Blvd. Lexington, KY 40511-1205 U.S.A.
Hotline(s):	Preserve International is a wholly-owned subsidiary of Neogen Corporation. Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Skin Corr. 1B: H314; STOT SE 3: H335; Aquatic Chronic 3: H412;
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##### 2.2. Label elements

Hazard pictograms	 
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## 2.2. Label elements

<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
<b>Precautionary Statement: Prevention</b>	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P363 - Wash contaminated clothing before reuse.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		60 - 70%	Eye Irrit. 2: H319;
Sodium tripolyphosphate		7758-29-4	231-838-7		10 - 20%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;
Disodium metasilicate pentahydrate		10213-79-3	229-912-9		1 - 10%	Met. Corr. 1: H290; Skin Corr. 1B: H314; STOT SE 3: H335;
Troclosene sodium, dihydrate	613-030-01-7	51580-86-0	220-767-7		1 - 10%	Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Sodium C10-13 alkylbenzenesulphonate		25155-30-0	932-051-8		0.5 - 1%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412;

## Further information

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

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	May cause irritation to respiratory system. Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Immediate medical attention is required.
<b>Skin contact</b>	Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Never give anything by mouth to an

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## 4.1. Description of first aid measures

	unconscious person. If you feel unwell, seek medical advice (show the label where possible).
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## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Causes severe burns. Risk of serious damage to eyes.
Skin contact	Causes severe burns.
Ingestion	Causes burns. Ingestion may cause nausea and vomiting.

## 4.3. Indication of any immediate medical attention and special treatment needed

	Remove the affected person from the source of contamination immediately. If you feel unwell, seek medical advice (show the label where possible). Seek medical attention if irritation or symptoms persist.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Heat will increase pressure in sealed containers. Cool fire exposed containers with waterspray. Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with eyes and skin. Wash hands after handling the product. Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

	Prevent further spillage if safe. Do not flush into surface water.
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## 6.3. Methods and material for containment and cleaning up

	Clean the area using a vacuum cleaner. Transfer to suitable, labelled containers for disposal.
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## 6.4. Reference to other sections

	See section 2, 8, and 13 for further information.
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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable gloves and eye/face protection. Avoid contact with eyes, skin or clothing. Wash hands after handling the product. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Ensure adequate ventilation of the working area.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep only in the original container in a cool, well-ventilated place away from excessive heat or cold.
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## 7.3. Specific end use(s)


	See section 1.2 for further information.
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## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls

	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Use as appropriate: Protective clothing.
Eye / face protection	Not normally required. In case of splashing, wear: Suitable eye protection.
Skin protection - Hand protection	Wear suitable gloves.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Keep away from food, drink and animal feed and/ or feed products.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Powder
Color	White
Odor	Chlorine
Odour threshold	No data available
pH	11 - 12
Melting point	No data available
Freezing Point	No data available
Boiling point	Not applicable.
Flash point	No data available
Flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

VOC (Volatile organic compounds)	No data available
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

Keep away from incompatible materials.

## 10.4. Conditions to avoid

Keep away from heat. Heat will increase pressure in sealed containers.

## 10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns.
Serious eye damage/irritation	Causes burns.
Respiratory or skin sensitisation	No sensitization effects reported.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

## 11.1.4. Toxicological information

No data available

## SECTION 12: Ecological information

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data available.

## 12.3. Bioaccumulative potential

No data available.

## Partition coefficient

Tidet Cl No data available

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.  
Do not contaminate water by cleaning of equipment or disposal of wastes.

## Disposal methods

Contact a licensed waste disposal company. Do not contaminate water by cleaning of equipment or disposal of wastes.

## Disposal of packaging

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## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1759

## 14.2. UN proper shipping name

CORROSIVE SOLID, N.O.S. (Sodium carbonate mixture)

## 14.3. Transport hazard class(es)

DOT	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## DOT

Hazard ID	80
Tunnel Category	(E)

## IMDG

EmS Code F-A S-B

## IATA

Packing Instruction (Cargo)	864
Maximum quantity	100 kg
Packing Instruction (Passenger)	860
Maximum quantity	25 kg

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.  All chemicals in this product are TSCA listed or excluded from listing, on the United States
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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

US State Regulations:

New Jersey Right-to-Know Hazardous Substance List:  
This material contains no reportable components.

Pennsylvania Right-to-Know Hazardous Substance List:  
This material contains no reportable components.

Rhode Island Right-to-Know Hazardous Substance List: This material contains no reportable components.

## Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Sodium carbonate (Carbonic acid disodium salt)	Y	N	N	N	N	N	N	N	N
Troclosene sodium, dihydrate	N	N	N	N	N	N	N	N	N

## SECTION 16: Other information

## Other information

## Text of Hazard Statements in Section 3

Eye Irrit. 2: H319 - Causes serious eye irritation.  
Skin Irrit. 2: H315 - Causes skin irritation.  
STOT SE 3: H335 - May cause respiratory irritation.  
Met. Corr. 1: H290 - May be corrosive to metals.  
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
EUH031 - Contact with acids liberates toxic gas.  
Acute Tox. 4: H302 - Harmful if swallowed.  
Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Eye Dam. 1: H318 - Causes serious eye damage.  
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

## Further information

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