



## Safety Data Sheet

Prepared in Accordance with HCS 29  
C.F.R. 1910.1200

### 1. Identification of the Substance/Mixture and the Company/Undertaking

- 1.1 Product Identifier** 0400S1NL **Revision Date:** 12/05/2022  
**Product Name:** SURFACE CLEANER **Supersedes Date:** 12/06/2019  
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- 1.2 Relevant identified uses of the substance or mixture and uses advised against** Industrial cleaning agent.
- 1.3 Details of the supplier of the safety data sheet**
- Manufacturer:** Carboline Global Inc.  
 2150 Schuetz Road  
 St. Louis, MO USA 63146
- Regulatory / Technical Information:  
 Contact Carboline Technical Services at  
 1-800-848-4645
- Datasheet Produced by:** Schlereth, Ken - regulatory@carboline.com
- 1.4 Emergency telephone number:** CHEMTREC 1-800-424-9300 (Inside US)  
 CHEMTREC +1 703 5273887 (Outside US)  
 HEALTH - Pittsburgh Poison Control 1-412-681-6669

### 2. Hazard Identification

**2.1 Classification of the substance or mixture**

Skin Corrosion, category 1

**2.2 Label elements**

**Symbol(s) of Product**



**Signal Word**

Danger

**Named Chemicals on Label**

DISODIUM METASILICATE, TRISODIUM PHOSPHATE, ALCOHOLS, C9-11, ETHOXYLATED, SODIUM HYDROXIDE

**HAZARD STATEMENTS**

Skin Corrosion, category 1

H314-1

Causes severe skin burns and eye damage.

**PRECAUTION PHRASES**

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P264

Wash hands thoroughly after handling.

P280

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

P301+310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301+330+331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P363

Wash contaminated clothing before reuse.

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

Unknown

**3. Composition/Information On Ingredients****3.2 Mixtures****Hazardous ingredients**

<u>Name According to EEC</u>	<u>EINEC No.</u>	<u>CAS-No.</u>	<u>%</u>	<u>Classifications</u>	
PROPYLENE GLYCOL MONOMETHYL ETHER	203-539-1	107-98-2	2.5 - <10	H226-319-332-336	Acute Tox. 4 Inhalation, Eye Irrit. 2, Flam. Liq. 3, STOT SE 3 NE
DISODIUM METASILICATE	229-912-9	6834-92-0	2.5 - <10	H314-335	
ALCOHOLS, C9-11, ETHOXYLATED	614-482-0	68439-46-3	2.5 - <10	H318	
NONYL PHENOL EHOXYLATES	500-315-8	127087-87-0	2.5 - <10	H315-319	Eye Irrit. 2, Skin Irrit. 2
TRISODIUM PHOSPHATE		7601-54-9	1.0 - <2.5	H315-318-335-412	
SODIUM HYDROXIDE	215-185-5	1310-73-2	1.0 - <2.5	H314-318	

<u>CAS-No.</u>	<u>M-Factors</u>
107-98-2	0
6834-92-0	0
68439-46-3	0
127087-87-0	0
7601-54-9	0
1310-73-2	0

**Additional Information:**

The text for GHS Hazard Statements shown above (if any) is given in Section 16.

## 4. First-aid Measures

### 4.1 Description of First Aid Measures

**AFTER INHALATION:** Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

**AFTER SKIN CONTACT:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation persists, call a physician.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**AFTER INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control centre or doctor immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Causes burns. May be harmful if swallowed. Corrosive after repeated contact with skin and mucous membranes.

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

Immediate medical attention is required.

When symptoms persist or in all cases of doubt seek medical advice.

## 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

**FOR SAFETY REASONS NOT TO BE USED:** No Information

### 5.2 Special hazards arising from the substance or mixture

No Information

### 5.3 Advice for firefighters

**SPECIAL FIREFIGHTING PROCEDURES:** In the event of fire, wear self-contained breathing apparatus.

**SPECIAL FIREFIGHTING PROTECTION EQUIPMENT:** No Information

## 6. Accidental Release Measures

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

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

### 6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

### 6.4 Reference to other sections

No Information

## 7. Handling and Storage

### 7.1 Precautions for safe handling

**INSTRUCTIONS FOR SAFE HANDLING :** Keep containers dry and tightly closed to avoid moisture absorption and contamination. Prepare the working solution as given on the label(s) and/or the user instructions. Ensure all equipment is electrically grounded before beginning transfer operations. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation/personal protection. Avoid breathing vapors, mist or gas. Wash thoroughly after handling.

**PROTECTION AND HYGIENE MEASURES :** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

**7.2 Conditions for safe storage, including any incompatibilities****CONDITIONS TO AVOID:** No Information**STORAGE CONDITIONS:** Keep containers tightly closed in a dry, cool and well-ventilated place.**7.3 Specific end use(s)**

No specific advice for end use available.

**8. Exposure Controls/Personal Protection****8.1 Control parameters****Ingredients with Occupational Exposure Limits (US)**

<u>Name</u>	<u>CAS-No.</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL</u>	<u>ACGIH Ceiling</u>
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	50 PPM	100 PPM	N/E
DISODIUM METASILICATE	6834-92-0	N/E	N/E	N/E
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	N/E	N/E	N/E
NONYL PHENOL EHOXYLATES	127087-87-0	N/E	N/E	N/E
TRISODIUM PHOSPHATE	7601-54-9	N/E	N/E	N/E
SODIUM HYDROXIDE	1310-73-2	2.00 MG/M3		N/E

<u>Name</u>	<u>CAS-No.</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	360 MGM3, 100 PPM	540 MGM3, 150 PPM
DISODIUM METASILICATE	6834-92-0	N/E	N/E
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	N/E	N/E
NONYL PHENOL EHOXYLATES	127087-87-0	N/E	N/E
TRISODIUM PHOSPHATE	7601-54-9		
SODIUM HYDROXIDE	1310-73-2	N/E	

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

**8.2 Exposure controls****Personal Protection**

**RESPIRATORY PROTECTION:** In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Use only with ventilation to keep levels below exposure guidelines reported in this document. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use State or federally approved supplied air respirator. For silica containing coatings in a liquid state, and/or if no exposure limits are established above, air-supplied respirators are generally not required.

**EYE PROTECTION:** Safety glasses with side-shields.

**HAND PROTECTION:** Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier. Lightweight protective clothing

**OTHER PROTECTIVE EQUIPMENT:** Ensure that eyewash stations and safety showers are close to the workstation location.

**ENGINEERING CONTROLS:** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Clear, Water Thin Liquid
<b>Physical State</b>	Liquid
<b>Odor</b>	None
<b>Odor threshold</b>	N/A
<b>pH</b>	13
<b>Melting point / freezing point (°C)</b>	32 F (0 C)
<b>Boiling point/range (°C)</b>	212 F (100 C) - 248 F (120 C)
<b>Flash Point (°C)</b>	>200
<b>Evaporation rate</b>	Slower Than Ether
<b>Flammability (solid, gas)</b>	Not determined
<b>Upper/lower flammability or explosive limits</b>	N/A - N/A
<b>Vapour Pressure, mmHg</b>	17.4
<b>Vapour density</b>	Heavier than Air
<b>Relative density</b>	Not determined
<b>Solubility in / Miscibility with water</b>	N/D
<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Auto-ignition temperature (°C)</b>	Not determined
<b>Decomposition temperature (°C)</b>	Not determined
<b>Viscosity</b>	Unknown
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined

### 9.2 Other information

<b>VOC Content g/l:</b>	48
<b>Specific Gravity (g/cm3)</b>	0.99

## 10. Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

### 10.4 Conditions to avoid

No Information

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.**11. Toxicological Information****11.1 Information on toxicological effects****Acute Toxicity:**

Oral LD50: N/D

Inhalation LC50: N/D

Irritation: Unknown

Corrosivity: Skin Corrosion, category 1

Sensitization: Unknown

Repeated dose toxicity: Unknown

Carcinogenicity: Unknown

Mutagenicity: Unknown

Toxicity for reproduction: Unknown

STOT-single exposure: Unknown

STOT-repeated exposure: Unknown

Aspiration hazard: Unknown

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.  
Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>	<u>Gas LC50</u>	<u>Dust/Mist LC50</u>
107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	4016 mg/kg, oral, rat	13536 mg/kg, dermal, rabbit	10000 ppm/4hrs rat, inhalation	0.000	0.000
6834-92-0	DISODIUM METASILICATE	Not Available		Not Available	0.000	0.000
68439-46-3	ALCOHOLS, C9-11, ETHOXYLATED	1400 mg/kg, oral, rat		Not Available	0.000	0.000
7601-54-9	TRISODIUM PHOSPHATE	Not Available	Not Available	Not Available	0.000	0.000
1310-73-2	SODIUM HYDROXIDE	Not Available		Not Available	0.000	0.000

**Additional Information:**

No Information

## 12. Ecological Information

### 12.1 Toxicity:

EC50 48hr (Daphnia):	Unknown
IC50 72hr (Algae):	Unknown
LC50 96hr (fish):	Unknown

12.2 Persistence and degradability: Unknown

12.3 Bioaccumulative potential: Unknown

12.4 Mobility in soil: Unknown

12.5 Results of PBT and vPvB assessment: Unknown

12.6 Other adverse effects: Unknown

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	23300 mg/l (Water flea)	No information	20800 mg/l (Fish)
6834-92-0	DISODIUM METASILICATE	No information	No information	No information
68439-46-3	ALCOHOLS, C9-11, ETHOXYLATED	No information	No information	No information
127087-87-0	NONYL PHENOL EHOXYLATES	No information	No information	No information
7601-54-9	TRISODIUM PHOSPHATE	No information	No information	No information

## 13. Disposal Considerations

13.1 **WASTE TREATMENT METHODS:** Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

14.1 UN number	UN 1760
14.2 UN proper shipping name	Corrosive Liquids NOS
Technical name	Sodium Hydroxide
14.3 Transport hazard class(es)	8
Subsidiary shipping hazard	N/A
14.4 Packing group	III
14.5 Environmental hazards	Unknown
14.6 Special precautions for user	Unknown
EmS-No.:	F-A, S-B
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Unknown

## 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

**U.S. Federal Regulations: As follows -****CERCLA - Sara Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Skin Corrosion or Irritation

**Sara Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>%</u>
NONYL PHENOL EHOXYLATES	127087-87-0	3

**Toxic Substances Control Act:**

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

**U.S. State Regulations: As follows -****New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
WATER	7732-18-5

**Pennsylvania Right-To-Know**

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
WATER	7732-18-5

**CALIFORNIA PROPOSITION 65**

WARNING: Cancer and Reproductive Harm -- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**International Regulations: As follows -****\* Canadian DSL:**

All chemical ingredients included on inventory (DSL)

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**16. Other Information****Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H226 Flammable liquid and vapour.



H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

**Reasons for revision**

No Information

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.