SOCAR CHEMICAL, LLC

Safety Data Sheet
8201 Vinyl Siding Cleaner

Version 1.0 • Date of issue: 2023-07-18

SECTION 1: Identification

GHS Product identifier

Product name	8201 Vinyl Siding Cleaner

Recommended use of the chemical and restrictions on use
Surfactant for pressure washing.

Supplier's details

Name	Socar Chemical, LLC
Address	2609 Rutherford Rd Greenville SC 29609 USA
Telephone	(864) 244-5068
email	cs@socarchemical.com

Emergency phone number

CHEMTREC 1(800) 424-9300
CCN695199

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Water (CAS no.: 7732-18-5; EC no.: 231-791-2)	**97 - 85 % (weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Butoxyethanol (CAS no.: 111-76-2; EC no.: 203-905-0; Index no.: 603-014-00-0)	**1 - 4 % (weight)**
CLASSIFICATIONS: Flammable liquids, Cat. 4; Acute toxicity, dermal, Cat. 4; Acute toxicity, inhalation, Cat. 4; Acute toxicity, oral, Cat. 4; Skin corrosion/irritation, Cat. 2; Eye damage/irritation, Cat. 2A. HAZARDS: H227 - Combustible liquid; H302 - Harmful if swallowed; H312 - Harmful in contact with skin; H315 - Causes skin irritation; H319 - Causes serious eye irritation; H332 - Harmful if inhaled. [SCLs/M-factors/ATEs]: Oral: ATE = 1200 mg/kg	
Amides, coco, N-[3-(dimethylamino)propyl], alkylation products with chloroacetic acid, sodium salts (CAS no.: 70851-07-9; EC no.: 274-923-4)	**1 - 4 % (weight)**
Amines, coco alkyldimethyl (CAS no.: 61788-93-0; EC no.: 263-020-0)	**1 - 4 % (weight)**
Sodium hydroxide (CAS no.: 1310-73-2; EC no.: 215-185-5; Index no.: 011-002-00-6)	**0 - 3 % (weight)**
CLASSIFICATIONS: Skin corrosion/irritation, Cat. 1A. HAZARDS: H314 - Causes severe skin burns and eye damage. [SCLs/M-factors/ATEs]: Skin Corr. 1A; H314: C ≥ 5 %; Skin Corr. 1B; H314: 2 % ≤ C < 5 %; Skin Irrit. 2; H315: 0,5 % ≤ C < 2 %; Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %	

Trade secret statement (OSHA 1910.1200(i))
*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Most important symptoms/effects, acute and delayed
No data available

Indication of immediate medical attention and special treatment needed, if necessary
No data available

SECTION 5: Fire-fighting measures

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical
No data available

Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Not applicable

Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of in accordance with local and national regulations.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

Precautions for safe handling
Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

Conditions for safe storage, including any incompatibilities
Store in a well ventilated place. Keep container tightly closed. Store between the following temperatures: 40 and 120 Fahrenheit and out of direct sunlight and away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of reach of children.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Potassium hydroxide (CAS: 1310-58-3 EC: 215-181-3)
PEL-C (Inhalation): 2 mg/m3; USA (NIOSH)

PEL-C (Inhalation): 2 mg/m3; USA (Cal/OSHA)

TWA (Inhalation): 2 Peak limitation mg/m3; Australia (AU/SWA)

2. Sodium hydroxide (CAS: 1310-73-2)
PEL (Inhalation): 2 mg/m3; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 2 mg/m3; USA (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): (C) 2 mg/m3; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 2 Peak limitation mg/m3; Australia (AU/SWA)

3. Butoxyethanol (CAS: 111-76-2 EC: 203-905-0)

PEL (Inhalation): 50 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 240 mg/m3 (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 20 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 20 ppm, 97 mg/m3
California permissible exposure limits for chemical contaminants
(Title 8, Article 107)/Skin

TWA (Inhalation): 50 ppm, 240 mg/m3; USA (OSHA)
USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air
Contaminants/Skin designation
The value in mg/m3 is approximate

TWA (Inhalation): 5 ppm, 24 mg/m3; USA (NIOSH)
USA. NIOSH Recommended Exposure Limits/Potential for dermal absorption

TWA (Inhalation): 20 ppm; 96.9 mg/m3; Australia (AU/SWA)
Other advisory: Sk

STEL (Inhalation): 50 ppm; 242 mg/m3; Australia (AU/SWA)
Other advisory: Sk

Appropriate engineering controls
None required with normal household use. Industrial Setting: Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection.

Skin protection
Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Protective gloves.

Respiratory protection
Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of insufficient ventilation wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Blue liquid
Color	Blue
Odor	None
Odor threshold	Mild
Melting point/freezing point	32°F
Boiling point or initial boiling point and boiling range	220°F

Flammability	Not applicable
Lower and upper explosion limit/flammability limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH	10.8
Kinematic viscosity	Not available
Solubility	100%
Partition coefficient n-octanol/water (log value)	Not available
Vapor pressure	Not available
Evaporation rate	Not available
Density and/or relative density	Not available
Relative vapor density	Not available

Particle characteristics
Not applicable

Supplemental information regarding physical hazard classes
Not applicable

Further safety characteristics (supplemental)
Not applicable

SECTION 10: Stability and reactivity

Reactivity
None under normal use conditions.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal use conditions.

Conditions to avoid
None under normal use conditions.

Incompatible materials

Potassium hydroxide: Nitro compounds, Organic materials, Magnesium, Copper, Water, reacts violently with:, Metals, Light metals, Contact with aluminum, tin and zinc liberates hydrogen gas. Contact with nitromethane and other similar nitro compounds causes formation of shock-sensitive salts., vigorous reaction with:, Alkali metals, Halogens, Azides, Anhydrides

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Ethylenediaminetetraacetic acid: Strong oxidizing agents

Sodium sulfate: Strong acids, Aluminum, Magnesium

Sodium hydroxide : Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as AlO2(-), ZnO2(-2), SNO2(-2), and H2 (or H2O with

oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

Hazardous decomposition products

Water: In the event of fire: see section 5

Potassium hydroxide: Other decomposition products - No data available
Hazardous decomposition products formed under fire conditions. - Potassium oxides
In the event of fire: see section 5

Ethylenediaminetetraacetic acid: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)
Other decomposition products - No data available
In the event of fire: see section 5

Oleic acid: Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

Sodium hydroxide : Sodium oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Based on available data, classification data are not met

Skin corrosion/irritation
Based on available data, classification data are not met

Serious eye damage/irritation
Based on available data, classification data are not met

Respiratory or skin sensitization
Based on available data, classification data are not met

Germ cell mutagenicity
Based on available data, classification data are not met

Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
Based on available data, classification data are not met

Specific target organ toxicity (STOT) - single exposure
Based on available data, classification data are not met

Specific target organ toxicity (STOT) - repeated exposure
Based on available data, classification data are not met

Aspiration hazard
Based on available data, classification data are not met

SECTION 12: Ecological information

Toxicity
No data available on product

SECTION 13: Disposal considerations

Disposal methods

Product disposal
Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Coconut oil diethanolamine -cancer

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Domestic Substances List (DSL)
Chemical name: Water
CAS: 7732-18-5

Chemical name: Potassium hydroxide (K(OH))
CAS: 1310-58-3

Chemical name: Diphosphoric acid, tetrapotassium salt
CAS: 7320-34-5

Chemical name: Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-
CAS: 60-00-4

Chemical name: Amides, coco, N-[3-(dimethylamino)propyl], alkylation products with chloroacetic acid, sodium salts
CAS: 70851-07-9

Chemical name: Amines, coco alkyldimethyl
CAS: 61788-93-0

Chemical name: Amides, coco, N,N-bis(hydroxyethyl)
CAS: 68603-42-9

Chemical name: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts
CAS: 61789-40-0

Chemical name: 9-Octadecenoic acid (Z)-
CAS: 112-80-1

Chemical name: Fatty acids, tall-oil
CAS: 61790-12-3

Chemical name: Sulfuric acid disodium salt
CAS: 7757-82-6

Chemical name: Alkenes, C$<G10 α-
CAS: 64743-02-8

Chemical name: Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
CAS: 68439-57-6

Chemical name: Poly(oxy-1,2-ethanediyl), α-(4-nonylphenyl)-ω-hydroxy-
CAS: 26027-38-3

Chemical name: Sodium hydroxide (Na(OH))
CAS: 1310-73-2

Chemical name: Ethanol, 2-butoxy-
CAS: 111-76-2

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Potassium hydroxide
CAS-No. 1310-58-3

Edetic acid
CAS-No. 60-00-4

Sodium sulfate
CAS: 7757-82-6

Chemical name: Sodium hydroxide
CAS number: 1310-73-2

Ethylene glycol monobutyl ether
CAS: 111-76-2

New Jersey Right To Know Components
Water
CAS-No. 7732-18-5

Potassium hydroxide
CAS-No. 1310-58-3

Tetrapotassium pyrophosphate
CAS-No. 7320-34-5

Edetic acid
CAS-No. 60-00-4

Oleic acid
CAS number: 112-80-1

Sodium sulfate
CAS: 7757-82-6

Common name: SODIUM HYDROXIDE
CAS number: 1310-73-2

Ethylene glycol monobutyl ether
CAS: 111-76-2

Pennsylvania Right To Know Components
Water
CAS-No. 7732-18-5

Potassium hydroxide
CAS-No. 1310-58-3

Tetrapotassium pyrophosphate
CAS-No. 7320-34-5

Edetic acid

CAS-No. 60-00-4

Oleic acid
CAS number: 112-80-1

Sodium sulfate
CAS: 7757-82-6

Chemical name: Sodium hydroxide
CAS number: 1310-73-2

Ethylene glycol monobutyl ether
CAS: 111-76-2

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
No SARA Hazards

Acute Health Hazard

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

The following components are subject to reporting levels established by SARA Title III, Section 313:
Ethylene glycol monobutyl ether
CAS: 111-76-2

HMIS Rating

8201 Vinyl Siding Cleaner	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA Rating

SECTION 16: Other information

Date of last revision: July 2023

Further information/disclaimer
To the best of the knowledge of the preparer(s), the information contained herein is reliable and accurate as of this date. However, accuracy, suitability, or completeness is not guaranteed, and no warranties of any type - either express or implied are provided. The information contained herein relates only to this specific product.

Preparation information
SDS Prepared By: Andrew Snow