



**SOCAR CHEMICAL, LLC**

**Safety Data Sheet  
Burst! All-Purpose Degreaser**

Version 1.0 • Date of issue: 2023-03-07

**SECTION 1: Identification**

**GHS Product identifier**

Product name Burst! All-Purpose Degreaser

**Recommended use of the chemical and restrictions on use**

All-purpose degreaser for automotive, home, kitchen, and shop use.

**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
<b>Water (CAS no.: 7732-18-5; EC no.: 231-791-2)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>&gt;= 85 - &gt;= 85 % (weight)</b>
<b>D-Limonene (CAS no.: 5989-27-5; EC no.: 227-813-5)</b> CLASSIFICATIONS: Aspiration hazard, Cat. 1; Flammable liquids, Cat. 3; Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1; Sensitization, skin, Cat. 1; Skin corrosion/irritation, Cat. 2. HAZARDS: H226 - Flammable liquid and vapor; H304 - May be fatal if swallowed and enters airways; H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	<b>&gt;= 7 - &gt;= 7 % (weight)</b>
<b>Butoxyethanol (CAS no.: 111-76-2; EC no.: 203-905-0; Index no.: 603-014-00-0)</b> 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	<b>&gt;= 3 - &gt;= 3 % (weight)</b>
<b>Sodium Metasilicate (CAS no.: 6834-92-0; EC no.: 229-912-9; Index no.: 014-010-00-8)</b> CLASSIFICATIONS: Corrosive to metals, Cat. 1; Eye damage/irritation, Cat. 1; Skin corrosion/irritation, Cat. 1B; Specific target organ toxicity (single exposure), Cat. 3; Acute toxicity, oral, Cat. 4. HAZARDS: H290 - May be corrosive to metals; H314 - Causes severe skin burns and eye damage; H318 - Causes serious eye damage; H335 - May cause respiratory irritation; H336 - May cause drowsiness or dizziness.	<b>&gt;= 2 - &gt;= 2 % (weight)</b>
<b>Sodium dodecylbenzenesulfonate (CAS no.: 25155-30-0; EC no.: 246-680-4)</b> CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Skin corrosion/irritation, Cat. 2; Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, short-term (acute), Cat. 2. HAZARDS: No data available.	<b>&lt;= 1 - &lt;= 1 % (weight)</b>
<b>Colorant (CAS no.: Trade Secret)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>&gt;= 1 - &gt;= 1 % (weight)</b>
<b>Fragrance</b> CLASSIFICATIONS: Flammable liquids, Cat. 4; Acute toxicity, oral, Cat. 4; Acute toxicity, inhalation, Cat. 4; Skin corrosion/irritation, Cat. 2; Serious eye damage/eye irritation, Cat. 2; Sensitization, respiratory, Cat. 1; Hazardous to the aquatic environment, short-term (acute), Cat. 2; Hazardous to the aquatic environment, long-term (chronic), Cat. 2. HAZARDS: H227 - Combustible liquid; H302 - Harmful if swallowed; H315 - Causes skin irritation; H319 - Causes serious eye irritation; H332 - Harmful if inhaled; H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled; H401 - Toxic to aquatic life; H411 - Toxic to aquatic life with long lasting effects.	<b>&gt;= 1 - &gt;= 1 % (weight)</b>

### 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	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

#### Most important symptoms/effects, acute and delayed

May cause rash on skin.

#### Indication of immediate medical attention and special treatment needed, if necessary

Not applicable

## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

### Specific hazards arising from the chemical

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Sodium metasilicate anhydrous: Sodium oxides, silicon oxides

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Sodium dodecylbenzenesulfonate: Carbon oxides, Sulphur oxides, Sodium oxides

### 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

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

### Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

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

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 240 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 20 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 5 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 20 ppm, 97 mg/m<sup>3</sup>

California permissible exposure limits for chemical contaminants  
(Title 8, Article 107)/Skin

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TWA (Inhalation): 50 ppm, 240 mg/m<sup>3</sup>; USA (OSHA)  
USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants/Skin designation  
The value in mg/m<sup>3</sup> is approximate

TWA (Inhalation): 5 ppm, 24 mg/m<sup>3</sup>; USA (NIOSH)  
USA. NIOSH Recommended Exposure Limits/Potential for dermal absorption

TWA (Inhalation): 20 ppm; 96.9 mg/m<sup>3</sup>; Australia (AU/SWA)  
Other advisory: Sk

STEL (Inhalation): 50 ppm; 242 mg/m<sup>3</sup>; Australia (AU/SWA)  
Other advisory: Sk

### Appropriate engineering controls

Not normally required. Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

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

#### Pictograms



#### Eye/face protection

Eye/Face Protection: None required with normal household use. Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

#### Skin protection

Skin Protection: None required with normal household use.  
Industrial Setting: Protective gloves (for hands) and protective clothing are recommended where repeated or prolonged skin contact may occur.

#### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### 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	Bright yellow liquid
Color	Yellow
Odor	Citrus
Odor threshold	Mild
Melting point/freezing point	32 °F
Boiling point or initial boiling point and boiling range	213.8 °F
Flammability	Not applicable
Lower and upper explosion limit/flammability limit	Not applicable
Flash point	Not applicable

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Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH	12.3
Kinematic viscosity	<100 centipoise
Solubility	100%
Partition coefficient n-octanol/water (log value)	Not available
Vapor pressure	Not available
Evaporation rate	1/2 Butyl Acetate @ 25 °C
Density and/or relative density	Not available
Relative vapor density	0.9 mmHg

### Particle characteristics

Not available

### 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

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Sodium metasilicate anhydrous: Oxidizing agents. Sodium metasilicate can release hydrogen gas in contact with the incompatibles, causing a risk for explosion.

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D-Limonene: Strong oxidizing agents

### Hazardous decomposition products

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Water: In the event of fire: see section 5

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

// ----- From the Suggestion report (03/07/2023, 10:46 AM) ----- //

The ATE (gas inhalation) of the mixture is: 112500 ppmV

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// ----- From the Suggestion report (03/07/2023, 10:52 AM) ----- //

The ATE (gas inhalation) of the mixture is: 112500 ppmV

### **Skin corrosion/irritation**

May cause skin irritation.

### **Serious eye damage/irritation**

May cause eye irritation.

### **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**

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.

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.

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.

### **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**

No data available

### **Additional information**

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Butoxyethanol: \*TOXICITY:

typ. dose mode specie amount units other

TCLo ihl hmn 195 ppm/8H

LD50 orl rat 1480 mg/kg

LC50 ihl rat 450 ppm/4H

LD50 ipr rat 220 mg/kg

LD50 ivn rat 340 mg/kg

LD50 orl mus 1230 mg/kg

LC50 ihl mus 700 ppm/7H

LD50 ipr mus 536 mg/kg

LDLo scu mus 500 mg/kg

LD50 ivn mus 1130 mg/kg

LD50 orl rbt 320 mg/kg

LD50 skn rbt 490 mg/kg

LD50 ivn rbt 280 mg/kg

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LD50 orl gpg 1200 mg/kg  
LD50 skn gpg 230 mg/kg  
LD50 ipr rbt 220 mg/kg

\*AQTX/TLM96: 1000-100 ppm

**\*SAX TOXICITY EVALUATION:**

THR = HIGH human irritant via inhalation. HIGH via intravenous, oral and dermal routes. MODERATE via oral, intraperitoneal, inhalation, subcutaneous and dermal routes. MILD skin and eye irritant.

\*CARCINOGENICITY: Not available

**\*MUTATION DATA:**

test lowest dose | test lowest dose

----- | -----

Not available |

**\*TERATOGENICITY:**

Reproductive Effects Data:

TCLo: ihl-rat 200 ppm/6H (6-15D preg)

TCLo: ihl-rat 25 ppm/6H (6-15D preg)

TDLo: orl-mus 9440 mg/kg (7-14D preg)

TCLo: ihl-rbt 200 ppm/6H (6-18D preg)

TCLo: ihl-rbt 100 ppm/6H (6-18D preg)

**\*STANDARDS, REGULATIONS & RECOMMENDATIONS:**

OSHA: Federal Register (1/19/89) and 29 CFR 1910.1000 Subpart Z

Transitional Limit: PEL-TWA 50 ppm (skin) [610]

Final Limit: PEL-TWA 25 ppm (skin) [610]

ACGIH: TLV-TWA 25 ppm (skin) [610]

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): 2

Flammability (F): 2

Reactivity (R): 0

H2: Materials hazardous to health, but areas may be entered freely with full-faced mask self-contained breathing apparatus which provides eye protection (see NFPA for details).

F2: Materials which must be moderately heated before ignition will occur (see NFPA for details).

R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

**\*OTHER TOXICITY DATA:**

Skin and Eye Irritation Data:

skn-rbt 500 mg open MLD

eye-rbt 18 mg

Standards and Regulations: DOT-IMO: Poison B; Label: St. Andrew's Cross, Flammable liquid

Status: "NIOSH Manual of Analytical Methods, 3rd. Ed."

Reported in EPA TSCA Inventory, 1983

EPA TSCA Section 8(e) Status Report 8EHQ-0483-0475

Meets criteria for proposed OSHA Medical Records Rule

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Sodium dodecylbenzenesulfonate: \*TOXICITY:  
typ. dose mode specie amount units other  
LD50 orl rat 438 mg/kg  
LD50 orl mus 1330 mg/kg  
LD50 ivn mus 105 mg/kg

\*AQTX/TLM96: Not available

\*SAX TOXICITY EVALUATION:

THR: Poisonous by intravenous route. Moderately toxic by ingestion. A skin and severe eye irritant.

\*CARCINOGENICITY: Not available

\*MUTATION DATA: Not available

\*TERATOGENICITY: Not available

\*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): 2

Flammability (F): 0

Reactivity (R): 0

H2: Materials hazardous to health, but areas may be entered freely with full-faced mask self-contained breathing apparatus which provides eye protection (see NFPA for details).

F0: Materials that will not burn (see NFPA for details).

R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

\*OTHER TOXICITY DATA:

Skin and Eye Irritation Data:

skn-rbt 20 mg/24H MOD

eye-rbt 250 ug/24H SEV

eye-rbt 1% SEV

Status: EPA TSCA Chemical Inventory, 1989

EPA TSCA Test Submission (TSCATS) Data Base, April 1990

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D-Limonene: \*TOXICITY:

typ. dose mode specie amount units other

LDLo idu mus 1 gm/kg

LD50 ipr mus 600 mg/kg

LD50 ipr rat 3600 mg/kg

LD50 ivn rat 110 mg/kg

LD50 orl mus 5600 mg/kg

LD50 orl rat 4400 mg/kg

LD50 scu mus 3170 mg/kg

\*AQTX/TLM96: over 1000 ppm [052]

\*SAX TOXICITY EVALUATION:

THR: Poison by intravenous route. Moderately toxic by intraperitoneal and

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intraduodenal routes. Mildly toxic by ingestion. An experimental tumorigen and teratogen. Experimental reproductive effects.

### \*CARCINOGENICITY:

Tumorigenic Data:

TDLo: orl-mus 67 gm/kg/39W-I

Status: NTP Carcinogenesis Studies (Gavage); Clear Evidence: Male Rat [620]

NTP Carcinogenesis Studies (Gavage); No Evidence: Female Rat, Male and Female Mouse [620]

### \*MUTATION DATA:

test lowest dose | test lowest dose

----- | -----  
Not available |

### \*TERATOGENICITY:

Reproductive Effects Data:

TDLo: orl-dog 680 gm/kg (27W male)

TDLo: orl-mus 3546 mg/kg (7-12D preg)

TDLo: orl-mus 14178 mg/kg (7-12D preg)

TDLo: orl-rat 20083 mg/kg (9-15D preg)

TDLo: orl-rat 252 gm/kg (26W male)

TDLo: orl-rat 83 gm/kg (30D pre)

TDLo: orl-rbt 3250 mg/kg (6-18D preg)

### \*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): None

Flammability (F): None

Reactivity (R): None

### \*OTHER TOXICITY DATA:

Review: Toxicology Review

Status: EPA TSCA Chemical Inventory, 1986

EPA TSCA Test Submission (TSCATS) Data Base, January 1989

Meets criteria for proposed OSHA Medical Records Rule

Ingestion of 15 grams of this type of compound has caused death [301]

## SECTION 12: Ecological information

## 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. Recycling is undiluted scrap product. Do not landfill. 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.

**Canadian Domestic Substances List (DSL)**

Chemical name: Water

CAS: 7732-18-5

Chemical name: Ethanol, 2-butoxy-

CAS: 111-76-2

Chemical name: Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

CAS: 68411-30-3

Chemical name: Benzenesulfonic acid, dodecyl-, sodium salt

CAS: 25155-30-0

Chemical name: Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-

CAS: 5989-27-5

**Massachusetts Right To Know Components**

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

Ethylene glycol monobutyl ether

CAS: 111-76-2

Chemical name: Sodium dodecylbenzenesulfonate

CAS number: 25155-30-0

D-Limonene

**New Jersey Right To Know Components**

Water

CAS-No. 7732-18-5

Ethylene glycol monobutyl ether

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CAS: 111-76-2

Common name: SODIUM DODECYLBENZENE SULFONATE

CAS number: 25155-30-0

D-Limonene

### Pennsylvania Right To Know Components

Water

CAS-No. 7732-18-5

Ethylene glycol monobutyl ether

CAS: 111-76-2

Sodium metasilicate anhydrous

CAS-No. 6834-92-0

Chemical name: Benzenesulfonic acid, dodecyl-, sodium salt

CAS number: 25155-30-0

D-Limonene

### 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

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Acute 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.

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ethylene glycol monobutyl ether

CAS: 111-76-2

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.

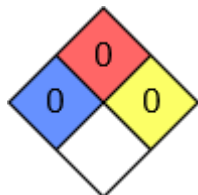
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**HMIS Rating**

Burst! All-Purpose Degreaser	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

**NFPA Rating**



**SECTION 16: Other information**

Date of last revision: March 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