SOCAR CHEMICAL, LLC

Safety Data Sheet
Pit Crew Wheel Cleaner

Version 1.0 • Date of issue: 2024-11-01

SECTION 1: Identification

GHS Product identifier

Product name	Pit Crew Wheel Cleaner

Recommended use of the chemical and restrictions on use
Non-caustic cleaner for automotive wheels and tires.

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)	**80-90 % (weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
D-Limonene (CAS no.: 5989-27-5; EC no.: 227-813-5)	**3-10% (weight)**
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.	
Butoxyethanol (CAS no.: 111-76-2; EC no.: 203-905-0; Index no.: 603-014-00-0)	**1-5 % (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	
Sodium Metasilicate (CAS no.: 6834-92-0; EC no.: 229-912-9; Index no.: 014-010-00-8)	**1-4 % (weight)**
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.	
Sodium dodecylbenzenesulfonate (CAS no.: 25155-30-0; EC no.: 246-680-4)	**0.5-4 % (weight)**
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.	

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

Sodium metasilicate anhydrous: Sodium oxides, silicon oxides

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

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
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)

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	Dull amber liquid
Color	Amber
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
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH	10.5
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

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

D-Limonene: Strong oxidizing agents

Hazardous decomposition products

Water: In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
// ----- From the Suggestion report (11/01/2024, 10:46 AM) ----- //
The ATE (gas inhalation) of the mixture is: 112500 ppmV

// ----- From the Suggestion report (11/01/2024, 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

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
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

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

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 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
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

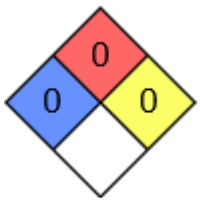
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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.

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: November 2024

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