

MATERIAL SAFETY DATA SHEET

Wheel Cleaner

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Wheel Cleaner
Product Use: Cleaner.
Manufacturer/Supplier: SuperClean Brands, LLC
1380 Corporate Center Curve, Suite 107
Eagan, MN 55121
Phone Number: (651) 365-7500
Emergency Phone: 1-800-424-9300
Date of Preparation: December 1, 2011

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER

CORROSIVE MATERIAL - MAY CAUSE BURNS.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye: May cause burns.

Skin: May cause burns.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Inhalation: May cause respiratory tract irritation.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.

Signs and Symptoms: May cause serious chemical burns. Severe irritation, redness and pain. Redness. Pain. Blisters. Serious skin burns. Abdominal pain. Burning sensation. Shock or collapse. Death. Burning sensation. Sore throat. Cough. Laboured breathing. Shortness of breath.

Medical Conditions Aggravated By Exposure: Asthma. Allergies.

Target Organs: Skin, eyes, gastrointestinal tract, respiratory system.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential Environmental Effects: See Section 12 for more information.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Alkyl polyglycosides	68515-73-1	1 - 5
Oxalic acid	144-62-7	0.1 - 1
Urea, monohydrochloride	506-89-8	0.5 - 1.5
Polyethylene glycol decyl ether	26183-52-8	0.5 - 1.5
Organic acid salt	Proprietary	1 - 5

MATERIAL SAFETY DATA SHEET

Wheel Cleaner

Section 4: FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Ingestion:** If swallowed, seek medical attention or call poison control.
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).
- Note to Physicians:** Symptoms may not appear immediately.

Section 5: FIRE FIGHTING MEASURES

- Flammability:** Not flammable by OSHA criteria.
- Means of Extinction:**
- Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.
 - Unsuitable Extinguishing Media:** Not available.
- Products of Combustion:** May include, and are not limited to: oxides of carbon.
- Explosion Data:**
- Sensitivity to Mechanical Impact:** Not available.
 - Sensitivity to Static Discharge:** Not available.
- Protection of Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
- Environmental Precautions:** None known.
- Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for Clean-Up:** Scoop up material and place in a disposal container. Provide ventilation.
- Other Information:** Not available.

Section 7: HANDLING AND STORAGE

- Handling:**
Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.
- Storage:**
Keep out of the reach of children. Keep container tightly closed. Do not store at temperatures above 49 °C / 120 °F.

MATERIAL SAFETY DATA SHEET

Wheel Cleaner

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Ingredient	Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Alkyl polyglycosides	Not available.	Not available.
Oxalic acid	1 mg/m ³	1 mg/m ³
Urea, monohydrochloride	Not available.	Not available.
Polyethylene glycol decyl ether	Not available.	Not available.

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

Eye/Face Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear.
Color:	Not available.
Odour:	Slight odour.
Odour Threshold:	Not available.
Physical State:	Liquid.
pH:	0.7-0.9
Viscosity:	Not available.
Freezing Point:	Not available.
Boiling Point:	~ 100 °C (~ 212 °F)
Flash Point:	> 93.3 °C (> 199.94 °F)
Evaporation Rate:	1 (Water = 1)
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	1.02
Solubility in Water:	Complete.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	Not available.

MATERIAL SAFETY DATA SHEET

Wheel Cleaner

VOC content, wt. %: Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: Bases. Strong reducing agents. Strong oxidizers. Metal powder.

Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon, sulfur, nitrogen, and phosphorus, as well as hydrogen chloride and certain metalloid fluoride gases, hydrogen gas may be released upon contact with metals.

Possibility of Hazardous Reactions: Heating above 110 °C results in exothermic decomposition with rapid release of carbon dioxide gas.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient	LD ₅₀ (oral)	LC ₅₀
Alkyl polyglycosides	Not available.	Not available.
Oxalic acid	7500 mg/kg, rat	Not available.
Urea, monohydrochloride	Not available.	Not available.
Polyethylene glycol decyl ether	Not available.	Not available.

Eye: May cause burns. May cause serious chemical burns. Severe irritation, redness and pain.

Skin: May cause burns. Redness. Pain. Blisters. Serious skin burns.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting. Abdominal pain. Burning sensation. Shock or collapse. Death.

Inhalation: May cause respiratory tract irritation. Burning sensation. Sore throat. Cough. Laboured breathing. Shortness of breath.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: Not hazardous by OSHA criteria.

Carcinogenicity: Not hazardous by OSHA criteria.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen *
Alkyl polyglycosides	Not listed.
Oxalic acid	Not listed.
Urea, monohydrochloride	Not listed.
Polyethylene glycol decyl ether	Not listed.

* See Section 15 for more information.

Mutagenicity: Not hazardous by OSHA criteria.

Reproductive Effects: Not hazardous by OSHA criteria.

Developmental Effects:

Teratogenicity: Not hazardous by OSHA criteria.

Embryotoxicity: Not hazardous by OSHA criteria.

MATERIAL SAFETY DATA SHEET

Wheel Cleaner

Respiratory Sensitization: Not hazardous by OSHA criteria.

Skin Sensitization: Not hazardous by OSHA criteria.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

DOT Classification

UN1760, Corrosive liquid, n.o.s, (acid salts), Class 8, PG III
ORM-D ($\leq 5L$)

Section 15: REGULATORY INFORMATION

Federal Regulations

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

SARA Title III

Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Alkyl polyglycosides	Not listed.	Not listed.	Not listed.	Not listed.
Oxalic acid	Not listed.	Not listed.	Not listed.	Not listed.
Urea, monohydrochloride	Not listed.	Not listed.	Not listed.	Not listed.
Polyethylene glycol decyl ether	Not listed.	Not listed.	Not listed.	Not listed.

State Regulations

California Proposition 65:

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

Global Inventories

Ingredient	USA TSCA
Alkyl polyglycosides	Yes.
Oxalic acid	Yes.
Urea, monohydrochloride	Yes.
Polyethylene glycol decyl ether	Yes.

MATERIAL SAFETY DATA SHEET

Wheel Cleaner

HMIS - Hazardous Materials Identification System

Health - 2

Flammability - 1

Physical Hazard - 2

PPE - B

NFPA - National Fire Protection Association:

Health - 2

Fire - 1

Reactivity - 2

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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