

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTITY: SUPERCLEAN ALL WHEEL CLEANER

Section 1 - Product Identification

Manufacturer: SuperClean Brands, LLC
1380 Corporate Center Curve, Suite 107
Eagan, MN 55121

Telephone: (651) 365-7500

Facsimile: (651) 365-7599

Transportation Emergency (for immediate information about a chemical or to seek assistance from a manufacturer): 1-800-535-5053

Date Updated: March 25, 2010

Section 2 - Hazardous Ingredients

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>% range</u>	<u>TLV</u>	<u>PEL</u>
Organic acid salts	Proprietary	5-15	NE	NE
Surfactant	Proprietary	1-5	NE	NE

Balance of formula is not considered hazardous as per OSHA

Section 3 - Physical Data

Form:	Liquid	pH:	1.2 - 1.7
Color:	Clear	pH (1% vol):	1.5 - 2.0
Odor:	Mild	Solubility in Water:	Complete
Specific Gravity (Water = 1):	1.03 - 1.04	Vapor Density (Air = 1):	ND
Boiling Point °F:	212	% VOC by weight:	0
Evaporation Rate (Water = 1):	Approx 1	Vapor pressure:	ND

Section 4 - Fire and Explosion Information

Flash Point (Method) F: Not flammable. Does not ignite.

Unusual Fire & Explosion Hazards: At temperatures above 140°F acid reaction with metals may release hydrogen, a highly flammable and explosive gas. Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine.

Extinguishing Agents: Foam, carbon dioxide, dry chemical, water spray

Fire fighting methods: Evacuate area and fight fire from a safe distance. Avoid breathing decomposition products. Ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop a leak. Use water spray to cool adjacent structures and to protect personnel. Fire fighters must wear MSHA/NIOSH approved positive pressure breathing apparatus with full face mask and full protective equipment.

Section 5 - Health Hazard Data - Signs and Symptoms of Overexposure

Probable Routes of Entry: Eyes, skin. Corrosive to the eyes and a mild skin irritant. If ingested, this product may be harmful or fatal. See section 11: other effects for toxicity information.

Eyes: Can cause burns to the eyes depending upon exposure time.

Skin: Prolonged or repeated contact can cause irritation. Non Corrosive to Skin: (as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Material Regulations, Canada's WHMIS regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals, Number 404 "Acute Dermal Irritation/Corrosion.")

Inhalation: Not a likely route of exposure. Product is not expected to present a significant inhalation hazard under ambient conditions. Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

Ingestion: Ingestion may be harmful or fatal.

Chronic effects: Prolonged or repeated skin exposure can cause drying, defatting, and dermatitis.

Conditions Aggravated by Exposure: Pre-existing skin conditions and contact with this product may cause an allergic skin reaction.

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Section 6 - Emergency First Aid Procedures

Eyes:	Check for and remove contact lenses. Flush immediately with large amounts of water for 15 minutes - hold eyelids apart to ensure complete irrigation of eye and eyelid tissues. Take exposed individual to a health care professional, preferably an ophthalmologist, for emergency first aid.
Skin:	Remove contaminated clothing. Immediately wash exposed area with copious amounts of water. Repeat washing. If redness or irritation occurs, seek immediate medical attention. Launder clothing before reuse.
Inhalation:	If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty breathing, seek a health care professional immediately. Administer CPR if necessary.
Ingestion:	Do not induce vomiting. Drink 1-2 large glasses of milk or water. Obtain immediate medical aid or call poison control. During vomiting there is a danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Seek immediate medical attention or call 911. Never give anything by mouth to an unconscious person.

Section 7 - Reactivity Data

Stability:	Stable at room temperature (35 to 105F) when stored and used under proper conditions.
Incompatibility:	Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. Contact with hypochlorites, chlorine bleach, sulfides, or cyanides will liberate toxic gases. Contact with alkaline materials will generate heat.
Hazardous Decomposition Products:	Thermal decomposition may produce acids and oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.
Conditions to Avoid:	Heating above 230°F results in an exothermic decomposition with rapid release of CO ₂ gas.
Hazardous Polymerization:	Will not occur.

Section 8 - Spill & Leak Procedures

Procedures for Cleanup:	Wear protective gear. Area will be slippery.
Small spills:	Mop thoroughly and rinse with water.
Large Spills:	Ventilate area. Area will be slippery. Dike product with sand or dirt. Keep out of surface waters. Salvage for reuse if possible. Otherwise place into suitable container for disposal. Do not flush to storm sewers. Inform local pollution officials of spill. Considered RCRA hazardous. Call local regulatory agency.
Waste Disposal:	Contact the proper county, state or federal authorities. Considered RCRA hazardous.

Section 9 - Special Protection Information

Ventilation Type Required:	General or local
Protective Gloves:	Wear rubber, neoprene, or nitrile gloves
Respiratory Protection:	Not necessary under normal use conditions and ventilation. If vapors or mist are generated, wear NIOSH respirator for mists.
Eye Protection:	Wear safety goggles or glasses or face shield.
Other Equipment:	Water source for eye and skin wash. Rubber boots to keep feet dry.

Section 10 - Handling - Storage - Special Precautions

Keep out of reach of children. Keep container closed. Product should be stored at room temperature (35 to 105F). Store out of direct sunlight. Store in fiberglass, polyethylene, or polypropylene containers. Do not store in metal containers. Keep from freezing. Mix only with water. Do not store near oxidizers. Thoroughly rinse empty containers before disposal. Use only in well ventilated area. Do not breathe vapors. Wash hands thoroughly after handling. Wear protective gear.

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Section 11 - Toxicity Data

<u>Toxicity</u>	<u>LD50 – Oral – rat</u> >1000 mg/kg	<u>LD50 – skin absorption</u> NE – non-corrosive to skin after 4 hrs of direct skin contact	<u>LC50 - Inhalation</u> NE
<u>Carcinogenicity</u>	NTP: No	IARC: No	OSHA: No
<u>Other effects:</u>	Reproductive Toxicity: No	Teratogenicity: No	Mutagenicity: No

Section 12 - Ecological Information

May be harmful to fish, livestock and wildlife. Dissolved mineral salts may cause irritation of the digestive tract. Nonpersistent. The product itself and its products of degradation are not harmful under normal conditions of careful and responsible use.
 Aquatic/Marine Toxicity: A toxic hazard to fish. Avoid spills or release to watercourses. Highly soluble. Will disperse with current. Release to watercourses may cause effects down stream from the point of release.

Section 13 - Hazard Rating - HMIS

0 = minimal 1 = slight 2 = moderate 3 = serious 4 = severe

Health: 2 Reactivity: 0 Fire: 0 Personal protection (gloves & glasses) equipment: B

Section 14 - Regulatory Information

• **Chemical Inventory Status - part 1 •**

	TSCA	EC	Japan	Australia
Ingredients	Yes	Yes	No	No

• **Chemical Inventory Status – part 2 •**

	Korea	DSL	NDSL	Philippines
Ingredients	No	Yes	No	No

• **Federal, State & International Regulations – part 1 •**

	--- SARA 302 ---	----- SARA 313 -----
	RQ	TPQ
Ingredients	No	No
	List	Chemical Catg.
	No	No

• **Federal, State & International Regulations – part 2 •**

	CERCLA	RCRA 261.33	TSCA 8(d)
Ingredients	No	No	Yes

Chemical Weapons Convention: No **TSCA 12(b):** No **CDTA:** No

SARA 311/312: Acute: yes Chronic: yes Fire: No Pressure: No
 Reactivity: No

Section 15 - Shipping Name

U.S. DOT Motor Vehicle / Railcar:	Not regulated if transported by motor vehicle or railcar in packaging that will not react dangerously or be degraded by this material [See 49 CFR §173.154(d)]. DOT corrosive to aluminum only - not corrosive to skin and mild steel
Canadian T.D.G.:	UN1760, Corrosive liquid, N.O.S. (contains acid salts), 8, PG III
IMDG (water):	UN1760, Corrosive liquid, N.O.S. (contains acid salts), 8, PG III
IARA (air)	UN1760, Corrosive liquid, N.O.S. (contains acid salts), 8, PG III

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Section 16 - WHMIS

D2B Toxic Material Causing Other Toxic Effects: This Material is corrosive to Aluminum only. Non-corrosive to skin and mild steel



This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

ABBREVIATIONS:

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

ND = NO DATA

> = GREATER THAN

<= LESS THAN

BCF = BIOCONCENTRATION FACTOR

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