

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTITY: SUPERCLEAN ACCUVISION

SECTION 1 - MANUFACTURER'S INFORMATION

Manufacturer: SuperClean Brands, Inc.
51 East Maryland Avenue
St. Paul, MN 55117-4615

Telephone: (651) 489-8211

Facsimile: (651) 489-8247

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

Date Updated: March 28, 2008

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Common Name: Cleaner

Product Use: Used for cleaning windshields

Product Identification: Cleaner

NFPA HAZARD RATINGS
HEALTH - 2
FLAMMABILITY - 2
REACTIVITY - 1
OTHER - NOT APPLICABLE

INGREDIENTS: CHEMICAL/COMMON NAME	EXPOSURE LIMITS: TVL	LD50	LC50	%
Water CASRN 7732-18-5	ND	ND	ND	80-100
Propylene glycol mono butyl ether CASRN 5131-66-8	ND	Oral, rat 3300 mg/kg	ND	0-5
Isopropyl Alcohol CASRN 67-63-0	PEL/TWA: 400 ppm (OSHA,ACGIH) STEL 500 ppm (OSHA,ACGIH)	Oral, rat 5045 mg/kg	Inhalation , 4 hr ., rat; 16000 ppm	0-5
Ethylene Glycol CASRN 107-21-0	PEL/TWA: 50 ppm Ceiling (OSHA) TLV: 50 ppm Ceiling (vapor) (ACGIH)	ND	ND	0-2
Propreitary Additives CASRN NA-MIXTURE	ND	ND	ND	0-2

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SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	ND
Flash Point (COC):	150 F (TCC)
Vapor Pressure:	ND
Percent Volatiles:	<5
Solubility in Water:	Complete
pH-Value:	6.0 - 8.0
Odor Treshold:	ND
Appearance, Odor & Physical State:	Clear liquid with little or no odor
Specific Gravity (Water=1):	1
Vapor Density:	ND
Evaporation Rate (Water=1):	1 > 1
Freeze Point:	Approximately 30 F (-1 C)
Viscosity @ 40 'c, cSt:	ND
Coefficient of Water/Oil Distribution:	NA

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flammability:	X	Yes
Fire Point (COC):		NA
Autoignition Temperature:		NA
Flammability Limits in Air, % Vol.:		Upper - NA; Lower - NA
Extinguishing Media:		Use carbon dioxide , dry chemical, alcohol foam , and mist or fog.
Special Firefighting Procedures/Unusual and Explosion Hazards:		Firefighters should use self-contained breathing apparatus in pressure demand with full facepiece. Wear full protective gear.
Explosion Data:		
Sensitivity fo Mechanical Impact:		ND
Sensitivity to Static Charge:		ND
NA: Not Applicable; ND: No Data Available		

SECTION 5 - REACTIVITY DATA

Stability:	Stable at ambient temperatures in closed containers
Hazardous Polymerization:	Will not occur
Conditions and Materials to Avoid (Incompatibilities):	Heat, high temperatures, open flame. Oxidizing materials.
Hazardous Combustion or Decomposition Products:	Smoke, fumes, oxides of carbon, formaldehyde

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SECTION 6 - HEALTH HAZARD DATA

Exposure Limits: See Section II, Product/Ingredient

Primary routes of entry:

X	Eye Contact
	Skin Contact
	Skin Absorption
	Inhalation (Acute)
X	Inhalation (Chronic)
	Ingestion

Effects of Exposure

Acute: Warning! Eye and skin irritant.

Eyes: Causes mild to moderate eye irritation . Vapors may cause eye irritation .

Skin: May cause minor skin irritation. Prolonged or repeated contact may dry the skin. Passage of this material into the body through the skin is possible , but unlikely.

Respiratory System: Exposure to heated vapors or mist can cause throat irritation and headache.

Ingestion: Material can be a slight health hazard if ingested in large quantities

Chronic: Repeated exposure by any route can cause mild reversible liver and central nervous effects. Skin allergy can develop.

Medical Conditions Generally Aggravated by Exposure:

Persons with pre-existing skin disorders , eye problems, or impaired liver,kidney, or respiratory function may be more susceptible.

Toxicology Data (Product):

Acute Data (Median Lethal Dose - species)

Oral LD50: rat - ND

Dermal LD50: rabbit - ND

Inhalation LD50: rat - ND

Irritancy Data

Eye irritation: rabbit - ND

Skin irritation: rabbit - ND

Sensitization: guinea pig - ND

NA: Not Applicable; ND: No Data Available

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SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Ventilation:	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Respiratory Respirators:	Use of respirator depends on airborne levels found in the facility. Use appropriate NIOSH or self contained respirator in accordance with 29 CFR 1910.132 and 1910.134 to prevent overexposure.
Eyes:	Use splash proof chemical safety goggles or appropriate full-face respirator
Gloves:	Wear impervious type , such as polyvinyl chloride to prevent skin contact .
Clothing:	Protective clothing to protect contact
Footwear:	No special requirement.
Other:	Eyewash and safety shower should be located in immediate work area
Work Hygienic Practices:	Avoid skin and eye contact. Do not wear contaminated clothing. Launder before re-use or discard. Wash hands thoroughly after handling.
Storage/Handling:	Storage/Handling : Do not store near heat , sparks or flame. Maintain adequate ventilation.
Keep out of reach of children.	

Waste Disposal Method: Dispose of in accordance with federal, state and local regulations.

EPA Designations:

RCRA Hazardous Waste (40 CFR 261.33): Hazardous Waste No. U154
CERCLA Hazardous Substance (40 CFR 302.4): Not Listed
SARA Extremely Hazardous Substance (40 CFR 355): Not Listed
SARA Toxic Chemical (40 CFR 372.65): Not Listed

SECTION 8 - SPECIAL PROTECTION INFORMATION

Spill or leak procedures:

Remove all ignition sources and provide adequate ventilation. Use proper personal protective equipment. Absorb using a non-combustible material such as earth or sand. Scoop up with a non sparking tool. Use water spray to disperse the gas/vapor
Large spills - Wear respirator and appropriate protective clothing. Stop source of leak if possible. Dike, contain spill and recover free liquid. Prevent entry into waterways. Neutralize and/or soak up residue with an inert absorbent such as clay, sand or other suitable materials; Store and dispose of properly. Flush area with water. Where feasible and appropriate, remove contaminated soil.

Small spills - Neutralize and/or soak up spill with an inert absorbent such as clay, sand or other suitable materials: Store in a closed container and dispose of properly.

Regulatory spill reporting requirements may apply; Contact governmental agency or legal counsel for advice.

Waste Disposal Method:

Under RCRA, The applicable hazardous waste classification must be evaluated prior to disposal of or reclaimed in accordance with governmental regulations regarding air pollution, water pollution or health.

All recovered material should be packaged, labeled, transported and disposed of or reclaimed in accordance with local, state and Federal regulations regarding air pollution, water pollution or health.

CAUTION: Improper disposal or reuse of the empty container may be hazardous and illegal. Cutting or welding of empty containers may cause explosion or toxic fumes from residue.

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SECTION 9 HAZARDOUS INFORMATION AND DEFINITIONS

OSHA PEL: The Occupational Safety and Health Administration's Permissible Exposure Limit, which is defined as the maximum concentration of contaminant to which a normal healthy individual may be exposed 8-hours per day, 40-hours per week, without experiencing adverse health effects over a working lifetime.

ACGIH TLV: American Conference of Governmental Industrial Hygienist's Threshold Limit Value, similar to the OSHA PEL but not considered a legal standard.

SECTION 10 – TRANSPORTATION INFORMATION

TRANSPORTATION

Special Shipping Information/DOT Proper Shipping Name:

LIMITED QUANTITY.CONSUMER COMMODITY. ORM-D

Per 49 CFR 173.154 (b) (1)

TSCA Status: All components of this material appear on the Toxic Substance Control Act Chemical Substances Inventory.

CEPA Status: Certain components of this product do not appear on the Canadian Domestic Substance List and must be tracked if imported into Canada.

Canadian Workplace Hazardous Material Identification System

WHMIS Classification: Material is a controlled product.

	Class A	Compressed Gas
	Class 8-1	Flammable Gas
	Class B-2	Flammable Liquids
X	Class B-3	Combustible Liquids
	Class B-4	Flammable Solids
	Class 8-5	Flammable Aerosols
	Class C	Oxidizing Material
	Class 8-6	Reactive Flammable Materials
	Class D, Div. 1	Materials Causing Immediate and Serious Toxic Effects
	Class D-1A	Very Toxic Materials
	Class 0-1B	Toxic Materials
	Class D, Div. 2	Materials Causing Other Toxic Effects
	Class D, 2A	Very Toxic Materials
X	Class D, 2B	Toxic Materials
	Class E	Corrosive Material
	Class 0-3	Biohazardous Infectious Material
	Class F	Dangerously Reactive Material

EPCRA: Emergency Planning and Community Right to Know Act (SARA Title III):

Section 302/304 Extremely Hazardous Substance:

NA

CERLA: Section 102(a) Hazardous Substance

NA

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Section 311 Hazard Category

- X Acute (Immediate)
- X Chronic (Delayed)
- X Fire
- Sudden Release of Pressure
- Reactive
- Not Applicable

Section 313 Toxic Release Inventory Chemical/Category

Glycol Ethers, 4.5% (wt.) max.

Ethylene Glycol (CASRN 107-21-1), max wt 1.0%

U.S. State Right to Know Laws

New Jersey Worker and Community Right to Know Act, N.J.A.C. 8:59-5 Labeling Information: See Section II.

California Safe Drinking Water Enforcement Act (Proposition 65): This product contains one or more chemicals know to the State of California to cause cancer or reproductive harm.

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