

# SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015



**Date issued :** 06/22/2015  
**SDS number :** 5994 Hand Cleaner\_EN  
**Date revised :** 08/31/2022  
**Revision number :** 3

## 5994 HAND CLEANER, 500 mL

### 1. Identification

**Product identifier:** 5994 HAND CLEANER, 500 mL

**Product description:** Hand Cleaner, VOC COMPLIANT, 500 mL (16.9 fl oz US)

**Relevant identified uses of the substance or mixture and uses advised against:** Heavy-Duty Hand Soap

**Other means of identification - product Stock / Code:** 5994

**Chemical family:** Water-based Cleaner

**Molecular formula:** Mixture

#### Manufacturer / Supplier

ABI / Autobody Brands International, a Division of IAMG  
/ International Autobody Marketing Group  
1505 North Hayden Road, Suite 111  
Scottsdale, AZ 85257  
INFORMATION PHONE: 1-87-REFINISH  
**E-Mail:** [www.5starxtreme.com](http://www.5starxtreme.com)

#### Emergency telephone number (24 hour)

CHEMTREC : (800) 424-9300

### 2. Hazard identification

#### Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

#### Health hazards:

Eye Irritation, Category 2

#### Physical hazards:

Not classified

#### Label elements

Hazardous components for labelling:

**alcohols, C12-14, ethoxylated**



Exclamation  
mark

**Signal word:** WARNING

#### Hazard statement(s)

H319: Causes serious eye irritation.

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### Precautionary statement(s)

#### Prevention:

P264: Wash hands thoroughly after handling.  
P280: Wear eye protection.

#### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**Hazards not otherwise classified:** No data available.

### Emergency overview

**Immediate concerns:** Causes serious eye irritation. Substance does not generally irritate and is only mildly irritating to the skin.

**Comments:** See sections 9 and 10 for more detailed information on physicochemical effects.

See section 11 for more detailed information on health effects.

See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
alcohols, C12-14, ethoxylated	4 - 6	68439-50-9

**Comments:** The actual concentration is withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

### 4. First-aid measures

**Eye:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention, if irritation persists.

**Skin:** Not expected to present a significant skin hazard under anticipated conditions of use.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Give 1 to 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

**Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If you experience eye watering, headaches or dizziness, increase fresh air or leave the area.

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

**Eye:** Contact causes serious eye irritation. Symptoms may include pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

**Skin:** Substance does not generally irritate and is only mildly irritating to the skin.

**Ingestion:** Substance may be harmful if swallowed. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

**Inhalation:** At room temperature, exposure to vapor is minimal due to low volatility.

**Additional information:** No data available.

**5. Fire-fighting measures**

**General hazard:** Material will not burn.

**Suitable extinguishing media:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Use an extinguishing agent suitable for the surrounding fire.

**Hazardous combustion products:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Fire fighting procedures:** Containers can build up pressure if exposed to heat (fire).

**Fire fighting equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**Sensitivity to static discharge:** Product is not sensitive to static discharge.

**Sensitivity to mechanical impact:** Product is not sensitive to mechanical impact.

**6. Accidental release measures**

**Small spill:** Ensure adequate ventilation. Cover spill area with suitable absorbent material (e.g., sand, earth, sawdust, vermiculite, Oil-Dri, Kitty Litter, etc.). Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly. Avoid contact with eyes, skin, and clothing.

**Environmental precautions**

**Water spill:** Do not flush to sewer.

**Land spill:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Special protective equipment:** Clean up spills immediately, observing precautions in Protective Equipment section 8.

**7. Handling and storage**

**General procedures:** Handle in accordance with good industrial hygiene and safety practices.

**Precautions for safe handling:** Avoid contact with eyes. Wear recommended personal protective equipment. After handling, always wash hands thoroughly with soap and water.

**Conditions for safe storage:** Protect from physical damage. Keep containers tightly closed, when not in use. Store in a cool place.

**8. Exposure controls/personal protection****Exposure controls**

Control parameters			
Chemical name	Occupational exposure limit values		
	Type	ppm	mg/m <sup>3</sup>
alcohols, C12-14, ethoxylated	USA OEL	-	-- [1]

**Footnotes:**

1. This material does not have established exposure limits in the USA under OSHA, NIOSH, ACGIH.

**Appropriate engineering controls:** No special ventilation requirements.

**Individual protection measures, such as personal protective equipment**

**Eye / face protection:** Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

**Skin:** Generally not required.

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**Respiratory protection:** Generally not required.

**Skin protection - other:** Generally not required.

**Occupational hygiene practices:** Handle in accordance with good industrial hygiene and safety practices. Wash hands thoroughly after handling.

### 9. Physical and chemical properties

**Physical State:** Liquid

**Odour:** Cherry

**Odour threshold:** No data available.

**Appearance:** Viscous lotion

**Colour:** Violet

**pH:** 6.5 to 7.0

**% Volatiles:** No data available.

**Flash point:** > 100°C (212°F) Closed Cup

**Explosion limit / flammability limit notes:** No data available.

**Auto-ignition temperature:** No data available.

**Vapour pressure:** No data available.

**Relative vapour density:** No data available.

**Initial boiling point and boiling range:** 100°C (212°F)

**Freezing point:** No data available.

**Melting point:** No data available.

**Decomposition temperature:** No data available.

**Solubility:** Miscible

**Partition coefficient n-octanol/water (logarithmic value):** No data available.

**Evaporation rate (n-butyl acetate = 1):** No data available.

**Density:** 1.04 - 1.06 g/ml at 20°C

**Particle characteristics:** No data available.

**Relative density:** No data available.

**Viscosity (kinematic or dynamic):** 6500 to 8000 cps at 20°C

**VOC content:** < 1% w/w

**Flammability:** Flammable Liquids

**Comments:**

VOC Compliance Statement

VOC Content, as supplied: < 1.0% w/w  
Density: 1.06 ± 0.01 g/ml

VOC Regulation: CARB-California, OTC state Consumer Product Regulations  
Coating Category: Heavy-Duty Hand Cleaner

VOC Content: < 1.0% w/w

The product VOC content meets the current 1% w/w limit under the CARB Consumer Product Regulations for Heavy-Duty Hand Cleaner.  
50 State compliant.

10. Stability and reactivity

- Reactivity: No
- Dangerous polymerization: Not expected to occur.
- Chemical stability: Stable.
- Conditions to avoid: No conditions known that should be avoided.
- Possibility of hazardous reactions: No data available.
- Hazardous decomposition products: By fire and high heat: Carbon monoxide, Carbon dioxide, Oxides of nitrogen and other undetermined compounds.
- Incompatible materials: Oxidizing materials.

11. Toxicological information

Acute Toxicity

Chemical name	LD50 (oral) mg/kg (rat)	LD50 (dermal) mg/kg (rabbit)	LC50 (inhalation) mg/l
alcohols, C12-14, ethoxylated	9350	> 2000	No data available.

- Acute dermal toxicity LD50: Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.
- Acute oral toxicity LD50: Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.
- Acute inhalation toxicity LC50: The mixture is not classified due to lack of data. At room temperature, exposure to vapor is minimal due to low volatility. An estimate based on component information. Not classified.
- Notes: 10 % of the mixture consists of an ingredient or ingredients of unknown acute toxicity. No additional toxicology information is available for this product itself. (See Component Toxicity Information).

- Skin corrosion / irritation: Based on available data, the classification criteria for skin irritation are not met for this mixture. Substance does not generally irritate and is only mildly irritating to the skin.
- Serious eye damage / irritation: Contains: alcohols, C12-14, ethoxylated. Contact causes serious eye irritation. The mixture is classified as: Eye Irritant, category 2, based on ingredient data (> 3% surfactant ingredients classified as eye irritant, category 2). This liquid product is irritating and can cause pain, tearing, reddening and

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swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Irritating, and may injure eye tissue if not removed promptly.

**Respiratory or skin sensitization:** Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1B).  
Based on available data, the classification criteria for skin sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, sub-category 1A and < 1.0% ingredients classified as a skin sensitizer, category 1 or sub-category 1B).

**Germ cell mutagenicity:** Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

**Carcinogenicity**

Chemical name	NTP	IARC	OSHA	Status - other
alcohols, C12-14, ethoxylated	--	--	--	--

**Notes:** Based on available data, the classification criteria for Carcinogenicity are not met for this mixture (< 0.1% ingredients classified as a Carcinogen, category 1 or 2).

**Reproductive toxicity:** Based on available data, the classification criteria for Reproductive Toxicity are not met for this mixture (< 0.1% ingredients classified as Reproductive Toxicity, category 1 or 2).

**Specific Target Organ Toxicity - single exposure:** Based on available data, the classification criteria for Specific Target Organ Toxicity - Single Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 1 or 2 and < 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3).

**Specific Target Organ Toxicity - repeated exposure:** Based on available data, the classification criteria for Specific Target Organ Toxicity - Repeated Exposure are not met for this mixture (< 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 1 or 2).

**Aspiration hazard:** Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5 mm<sup>2</sup>/s at 40 °C).

**12. Ecological information**

**Ecotoxicological information:** No data available.

**Aquatic toxicity, both acute and chronic:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** No data available.

**Mobility in soil:** No data available.

**13. Disposal considerations**

**Disposal methods:** Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal.

**Product disposal:** Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

**14. Transport information****USA Department of Transport Regulations (DOT)**

**UN proper shipping name:** This product is not regulated.

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**Transport hazard class(es):** N/A

**UN number:** N/A

**Packing group, if applicable:** N/A

**Environmental hazards - marine pollutant:** No

**DOT other shipping information:** No data available.

**IMDG - sea**

**UN proper shipping name:** This product is not regulated.

**UN number:** N/A

**Transport hazard class(es):** N/A

**Packing group, if applicable:** N/A

**Environmental hazards - marine pollutant:** No

**Notes:** No data available.

**Canadian Transport of Dangerous Goods Regulations (TDG)**

**UN proper shipping name:** This product is not regulated.

**UN number:** N/A

**Transport hazard class(es):** N/A

**Packing group, if applicable:** N/A

**TDG other shipping information:** No data available.

<b>15. Regulatory information</b>
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**UNITED STATES****SARA Section 311/312 Hazard Categories**

**311/312 Health hazards:** Eye Irritation

**311/312 Physical hazards:** Not Applicable

**EPCRA Section 313 Toxic Chemicals:**

This product does not contain any listed toxic chemicals that exceed the threshold reporting levels established by SARA Title III, Section 313.

**EPCRA Section 302 Extremely Hazardous Substances****EPCRA Status:**

This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

**CERCLA Hazardous Substances and Reportable Quantities (RQ)****CERCLA Status:**

This product contains no CERCLA listed hazardous substances.

**TSCA (The Toxic Substances Control Act)****TSCA Status:**

All components are included or are otherwise exempt from inclusion on this inventory.

**CAA 112(b) Hazardous Air Pollutants****CAA 112(r) List of Substances for Accidental Release Prevention:**

This product contains no chemicals subject to CAA 112(b) or CAA 112(r).

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### California Proposition 65:

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

### USA OSHA Hazard Communication Standard (29CFR 1910.1200):

OSHA Status: Hazardous Product (See Section 2 for details).

This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

## CANADA

### WHMIS Hazard Symbol and Classification

See Section 2 for details.

### WHMIS Regulatory Status:

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

### WHMIS Classification:

WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

### CEPA - National Pollutant Release Inventory (NPRI):

This product contains no chemicals subject to CEPA - NPRI.

### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):

All components are included or are otherwise exempt from inclusion on this inventory.

**Comments** VOC Content -- See section 9.

## 16. Other information

**Reason for issue:** The Safety Data Sheet was updated.

**Prepared by :** Regulatory Compliance

**Date revised:** 08/31/2022

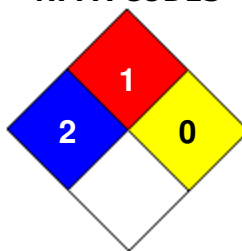
**Information contact:** 1-87-REFINISH

**Revision summary:** This SDS replaces the 08/31/2022 SDS.

### HMIS RATING

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

### NFPA CODES



**NFPA 30 / 30B Storage Classification:** Combustible Liquid IIIB

**Manufacturer supplemental notes:** None

**Data sources:** Not Available

**Additional SDS Information:** N/AV Not Available

N/AP Not Applicable

ND Not yet determined

ACGIH American Conference of Governmental Industrial Hygienists

CAA The Clean Air Act

CCCR The Consumer Chemicals and Containers Regulations



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CEPA The Canadian Environmental Protection Act  
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act  
EPCRA The Emergency Planning and Community Right-To-Know Act  
IARC International Agency for Research on Cancer  
MSHA Mine Safety and Health Administration  
NIOSH National Institute for Occupational Safety and Health  
NTP National Toxicology Program  
OSHA The Occupational Safety and Health Administration  
SARA The Superfund Amendments and Reauthorization Act  
WHMIS Workplace Hazardous Materials Information System

**General statements:** No data available.

**Comments:** None

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