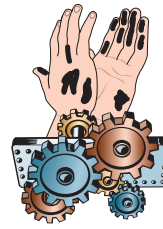


# AVALANCHE

## Waterless Citrus Hand Cleaner



Scan for product's  
Material Safety Data Sheet

### FEATURES

- Pumicized
- Contains D'limonene
- Formulated with Aloe Vera extract
- Waterless

### BENEFITS

- Abrasive added for industrial use
- Removes paints and other industrial soils
- Moisturizes skin
- Can be used in areas without a water source

### AREAS OF USE:

- Warehouses
- Restrooms
- Factories
- Paint shops
- Construction
- Healthcare
- Restaurants

### SPECIFICATIONS:

**Color:**  
Lime green

**Odor:**  
Citrus scent

**Base:**  
D-limonene & detergents

**pH:**  
7.0

**Viscosity:**  
Moderate

**Abrasive:**  
Pumice

**Solubility:**  
Complete with water

**Biodegradability:**  
Complete

**Storage/Stability:**  
2 years

**Flash Point:**  
145 F

**Weight Per Gallon:**  
8.83lbs./gal.

**Freeze/Thaw Stability:**  
Keep from freezing

### DIRECTIONS FOR USE:

Apply a small portion to hands and rub gently. Rinse with water and dry. If no water is available, wipe clean with cloth or paper towel.

FOR DISPENSING: Use with container stock no. 0-5000.

DO NOT PUNCTURE CONTAINER. DO NOT REMOVE SEAL.

Remove cap, invert and slide container into wall-mounted, back plate. Product will flow from container filling reservoir. Reservoir will hold 1 liter of product. DO NOT LIFT CONTAINER until it is completely empty or reservoir will overflow. Container is empty when product line falls below reservoir indicator. When container is empty, trip release on back mounting plate to remove.

### CAUTION

EYE IRRITANT. Avoid contact with eyes. Do not take internally. Keep this container out of the reach of children.

NOTE: Avoid storage over 100°F.

### FIRST AID

INGESTION: Do not induce vomiting. Call physician.

EYE CONTACT: Flush with water for 15 minutes. If irritation persists, call a physician.

### CONTAINS

d-limonene (5989-27-5), nonionic surfactants (9016-45-9 and 68551-12-2), dibasic esters (1119-40-0 and 627-93-0), sodium hydroxide (1310-73-2), water, pumice, petrolatum, propylene glycol, acrylic polymer, sodium chloride, preservative, glycerine, jojoba, aloe vera, vitamin E, wheat germ extract, dyes and pigment.



1048 Stinson Drive, Reading PA 19605  
Phone: 1-800-548-4568

[www.miscoproducts.com](http://www.miscoproducts.com)

HEALTH		1
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		--

# SAFETY DATA SHEET

Date Prepared : 3/24/2015

SDS No : AVA

## Avalanche

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Avalanche  
**GENERAL USE:** Hand cleaner  
**PRODUCT DESCRIPTION:** Waterless Citrus Hand Cleaner  
**PRODUCT CODE:** AVA  
**CHEMICAL FAMILY:** Detergent blend

#### MANUFACTURER

MISCO Products Corporation  
1048 Stinson Drive  
Reading, PA 19605

**Emergency Phone:** 610-926-4106

**Customer Service:** 800-548-4568

**Transportation:** 800-548-4568

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Irritation, Category 2B

#### GHS LABEL

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H320: Causes eye irritation.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash thoroughly after handling.

##### 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.

##### Storage:

P404: Store in a closed container.

P405: Store locked up.

##### Disposal:

P501: Dispose of contents/container in accordance with local, state and federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Light green

**IMMEDIATE CONCERNS:** None Expected.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes eye irritation.

**SKIN:** None Expected.

**SKIN ABSORPTION:** None

**INGESTION:** Large doses may cause nausea.

**INHALATION:** NA = Not Applicable

**REPRODUCTIVE TOXICITY**

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**CARCINOGENICITY:** No listed substance

**MUTAGENICITY:** No known significant effects or critical hazards.

**ROUTES OF ENTRY:** Ingestion, eye

**CANCER STATEMENT:** None

**WARNING CAUTION LABELS:** None

**PHYSICAL HAZARDS:** None

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Primary Alcohol Ethoxylate C11	2 - 10	34398-01-1
Fragrance	0 - 1	N/A
Dye	0 - 0.1	N/A
Water	90 - 95	7732-18-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** No known significant effects or critical hazards.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** NA = Not Applicable

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Slight discomfort with redness, watering eyes.

**SKIN:** No known significant effects or critical hazards.

**SKIN ABSORPTION:** No known significant effects or critical hazards.

**INGESTION:** Nausea with large amounts.

**INHALATION:** NA = Not Applicable

**CHRONIC EFFECTS:** None

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** None

**EXTINGUISHING MEDIA:** Not required. Water based material.

**EXPLOSION HAZARDS:** NA = Not Applicable

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** No known significant effects or critical hazards.

**LAND SPILL:** No known significant effects or critical hazards.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** No special requirements.

**STORAGE:** Store in area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No special requirements.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** No special requirements.

**SKIN:** No special requirements.

**RESPIRATORY:** None

**PROTECTIVE CLOTHING:** No special requirements.

**WORK HYGIENIC PRACTICES:** No special requirements.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Citrus

**ODOR THRESHOLD:** Not Established

**COLOR:** Light green

**pH:** 6.0 to 7.0

**PERCENT VOLATILE:** >90

**FLASH POINT AND METHOD:** NA = Not Applicable

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** ~ 20 mm Hg at (68°F)

**VAPOR DENSITY:** 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** ~ 9.18 at (68°F)

**SPECIFIC GRAVITY:** 1.1 grams/ml. at (68°F)

**VISCOSITY:** Viscous

**(VOC):** None

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under normal storage and use conditions.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

**INCOMPATIBLE MATERIALS:** None

## 11. TOXICOLOGICAL INFORMATION

**ACUTE**

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Primary Alcohol Ethoxylate C11	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)

**EYES:** Causes eye irritation.

**DERMAL LD<sub>50</sub>:** No known significant effects or critical hazards.

**ORAL LD<sub>50</sub>:** No known significant effects or critical hazards.

**INHALATION LC<sub>50</sub>:** NA = Not Applicable

**EYE EFFECTS:** Mild to moderate eye irritant.

**SKIN EFFECTS:** No known significant effects or critical hazards.

**CHRONIC:** No known significant effects or critical hazards.

**CARCINOGENICITY**

**IARC:** No listed substance

**IRRITATION:** Mild irritant

**SENSITIZATION:** No known significant effects or critical hazards.

**GENETIC EFFECTS:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**CHEMICAL FATE INFORMATION:** Not Established

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** Diluted product can be flushed to sanitary sewer.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**PRIMARY HAZARD CLASS/DIVISION:** NA = Not Applicable

**LABEL:** None

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** None

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** No listed substance

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** No products were found.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**CALIFORNIA PROPOSITION 65:** None

**CARCINOGEN:** No listed substance

**16. OTHER INFORMATION**

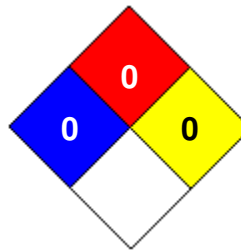
**PREPARED BY:** Regulatory Affairs Department

**Date Prepared:** 3/24/2015

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>-</b>

**NFPA CODES**





# AVALANCHE

## Waterless Citrus Hand Cleaner

*Cítricos De Manos Sin Agua Limpia*



### Availability:

Packaging	Item #
4-1 Liters:	AVA-14MN

**Warehouses**  
Almacenes

**Restrooms**  
Lavabos

**Factories**  
Fábricas

**Paint Shops**  
Taller de pintura

**Construction**  
Construcción

**Healthcare**  
Cuidado médico

**Restaurants**  
Restaurantes

### DESCRIPTION

A pH balanced, pumicized hand clean for industrial use. This citrus-based formula is very effective at cleaning tough soils, biodegradable and petroleum solvent free to address environmental concerns. Premium, natural citrus cleansing agents safely and effectively dissolve grease, paints, inks, and many other hard to remove soils. Fortified with five conditioners including glycerine, jojoba, aloe vera, vitamin E, and wheat germ extract to help keep hands soft and smooth. Can be used where a water source is not available.



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