

PRODUCT NAME: ABRO Hand Cleaner Orange Citrus
PRODUCT NUMBER/SIZE: HC-241 / 1 gallon

Rev Date: 7/27/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628 USA
PRODUCT DESCRIPTION: Hand Cleaner
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:
Eye damage / irritation – category 1
Skin sensitization – category 1

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Causes serious eye damage. May cause an allergic skin reaction.

Precautionary Phrases: Wear eye and face protection. Avoid breathing fumes. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: get medical attention. For specific treatment, refer to this SDS. Wash contaminated clothing before reuse.

Storage / Disposal: Dispose of contents in accordance with Federal, State and Local regulations.

Other: Keep out of reach of children.

Hazard not otherwise classified (HNOC): None as classified under 29 CFR 1900.1200

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Citric Acid	77-92-9	5 > 10
Carbomer	9003-01-4	10 > 14
Orange Color	2783-94-0	1 > 2
Glycerin USP	56-81-5	10 > 15
Kathon	96118-96-6	1 > 10
Dilimonene	5989-27-5	5 > 10
Pumice	1332-09-8	5 > 10
Nonoxynol-9	26571-11-9	10 > 15
Borax	130396-4	10 > 12
Cocoamide Dea	68603-42-9	5 > 10
Triethanolamine 99%	102-71-6	10 > 20

Ingredients with Reporting Requirements

	CAS#	% Range	OSHA PEL	ACGIH TLV	LIST
Dilimonene	5989-27-5	5 - 10	N/E	N/E	CN 1

SECTION 4 First Aid Measures

GENERAL INFORMATION: When used according to instructions, the product applicable to this Safety Data Sheet (SDS) is safe and presents no immediate or long-term hazard. However, abnormal entry routes, such as that with gross ingestion, may require immediate medical attention.

EYE CONTACT: If contact with eyes, rinse immediately with plenty of water for 15 minutes holding eyes open. Remove Contact lenses, if present. Call a physician if irritation persists. **DO NOT RUB EYES UNDER ANY CIRCUMSTANCES!!!**

SKIN CONTACT: If irritation occurs, wash off immediately with soap and plenty of water. Rinse thoroughly. Call a physician if irritation persists

INHALATION: Not applicable.

INGESTION: Not to exceed recommended dosage. Call Poison Control Center or physician if appreciable quantities are swallowed.

SYMPTOMS OR EFFECTS: May cause eye irritation. No skin contact irritation under normal conditions. May cause upset stomach, nausea (abnormal entry route). Not listed as a carcinogen by NTP, IARC, OSHA or ACGIH.

RECOMMENDATIONS FOR IMMEDIATE MEDICAL CARE OR SPECIAL TREATMENT: None

SECTION 5 Fire Fighting Measures

RECOMMENDED EXTINGUISHING MEDIA: Water, spray, dry chemical carbon dioxide or foam suitable for the surrounding fire and materials.

UNUSUAL OR SPECIFIC FIRE AND EXPLOSION HAZARDS: None anticipated.

FIREFIGHTING INSTRUCTIONS AND PROTECTIVE EQUIPMENT: Not applicable.

SECTION 6
Accidental Release Measures

PERSONAL PRECAUTIONS: No special requirements. Rinse with water, mop up or wipe with towel. Exercise caution as may cause slippery surface.

EMERGENCY PROCEDURES: No information available.

METHODS AND MATERIALS FOR CONTAINMENT: No information available.

CLEANUP PROCEDURES: No information available.

SECTION 7
Handling and Storage

STORAGE RECOMMENDATIONS: Store at room temperature, away from heat. Do not freeze.

HANDLING PRECAUTIONS: Handle in Accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes and clothing. **KEEP OUT OF REACH OF CHILDREN.**

SECTION 8
Exposure Controls/Personal Protection

EXPOSURE LIMITS:

Ingredient	Source	Type	Value
No information available.			

ENGINEERING CONTROLS: No special precautions required.

RECOMMENDED PERSONAL PROTECTIVE MEASURES:

Respiratory: Not normally required.

Eye/Face: Avoid contact with eyes

Skin/Body: For prolonged or repeated exposure, use protective gloves

SPECIAL PPE REQUIREMENTS: None required.

SECTION 9
Physical and Chemical Properties

Appearance: Orange, viscous, gritty liquid with characteristic citrus odor

Odor: Citrus

Odor threshold: Data not available

Vapor pressure: Same as water.

Vapor density: Same as water.

pH: 6.9-7.5

Relative density / Specific gravity: No information available

Melting point/freezing point: No information available

Solubility: Dispersible in water

Initial boiling point and boiling range: Approximately 212° F.

Flash point: No information available

Evaporation rate: No information available.

Flammability (solid, gas): No information available

Upper/lower flammability or explosive limits: Not applicable.

Partition coefficient: n-octanol/water: No information available

Auto-ignition temperature: No information available

Decomposition temperature: No information available.

Viscosity: No information available

SECTION 10 Stability and Reactivity

REACTIVITY: No information available

CHEMICAL STABILITY: Product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS / POLYMERIZATION: Will not occur.

CHEMICAL INCOMPATIBILITIES: None

CONDITION TO AVOID: None presently known.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 11 Toxicological Information

Routes of Exposure: No information available.

Delayed, Immediate and Chronic Effects: No information available.

Toxicity Measures: No information available.

Description of Symptoms: No information available.

Carcinogen Information: Not listed as a carcinogen by NTP, IARC, OSHA or ACGIH.

Information on toxicological effect: No acute or chronic effects when used as directed.

SECTION 12 Ecological Information

TOXICITY TEST DATA: No information available.

PERSISTANCE AND DEGREDDATION: No information available.

BIOACCUMULATION POTENTIAL: No information available.

SOIL-GROUNDWATER MOBILITY: No information available.

OTHER ADVERSE EFFECTS: No ecological or environmental issues with this product when used in normal dilutions with water and when use according to directions.

SECTION 13 Disposal Considerations

RECOMMENDED DISPOSAL PROCEDURES: Dispose of unused product in accordance with all applicable Federal, State and Local laws.

SPECIAL DISPOSAL INSTRUCTIONS: No information available.

OTHER INFORMATION: No concerns for typical usage/drainage to sanitary sewers and treatment plants.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT This product is not regulated as a DOT hazardous material.

UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

IMO/IMDG This product is not regulated as a dangerous good for transport by vessel.

UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

ICAO/IATA This product is not regulated as a dangerous good for transport by aircraft.

UN/ID Number: Not applicable
Proper shipping name: Not applicable
Hazard Class: Not applicable
Packing Group: Not applicable
Exceptions: Not applicable
Environmental Hazards: Not applicable
Transport in Bulk: Not applicable
Special Precautions: Not applicable

Canada This product is not regulated as a dangerous good in Canada.

UN/ID Number: Not applicable

- (TDG)** Proper shipping name: Not applicable
 Hazard class: Not applicable
 Packing Group: Not applicable
 Exceptions: Not applicable
 Environmental Hazards: Not applicable
 Transport in Bulk: Not applicable
 Special Precautions: Not applicable
- Europe** This product is not regulated as a dangerous good under ADR/RID
- (ADR/RID)** UN/ID Number: Not applicable
 Proper shipping name: Not applicable
 Hazard class: Not applicable
 Packing Group: Not applicable
 Exceptions: Not applicable
 Environmental Hazards: Not applicable
 Transport in Bulk: Not applicable
 Special Precautions: Not applicable

SECTION 15
Regulatory Information

HAZARD RATING	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

0 = Insignificant 1 = Slight 2 = Moderate 4 = High 4 = Extreme

CALIFORNIA PROPOSITION 65: No CA Prop 65 chemicals are known to exist at or above the No Significant Risk Level.

Complies with Current FDA regulations for cosmetic and or over-the-counter (OTC) products

TSCA Inventory Status: All ingredients listed

SECTION 16
Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable