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## Section 01 - Identification

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<b>Product Identifier</b>	Crusher Hand Soap
<b>Other Means of Identification</b>	None
<b>Product Use and Restrictions on Use</b>	Skin-care.
<b>Initial Supplier Identifier</b>	Advance Chemicals Ltd. 1500 Quebec Avenue Saskatoon, SK. Canada S7K 1V7
<b>Prepared By</b>	ClearTech Industries Inc. Technical Writer Phone: 1 (800) 387-7503
<b>24-Hour Emergency Phone</b>	Phone: 1 (306) 664 – 2522

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## Section 02 - Hazard Identification

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### GHS-Classification

**Serious Eye Damage/Irritation**      Category 2

### Physical Hazards

No known physical hazards.

### **Warning**

### **Hazards Statements**

H319 – Causes serious eye irritation.

### **Pictograms**



### **Precautionary Statements**

P280 – Wear eye protection and face protection.

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.

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## Section 03 - Composition / Information on Ingredients

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Chemical Name	CAS Number	Weight %	Unique Identifiers
Alcohols, C9-C11, Ethoxylated, Liquids	68439-46-3	1-15%	
Water and/or ingredients not classified as hazardous under the Hazardous Products Regulations		Balance	

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## Section 04 - First Aid Measures

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<b>Inhalation</b>	No adverse effects are expected. If symptoms are experienced, remove victim to fresh air. If difficulties breathing persist, seek medical attention.
<b>Skin Contact / Absorption</b>	No adverse effects are expected.
<b>Eye Contact</b>	Immediately flush eye with lukewarm, gently flowing water for 30 minutes, while forcibly holding the eyelid(s) open to ensure complete irrigation of the eye tissue. If a contact lens is present, remove only if easy to do so. If irritation persists, seek medical attention.
<b>Ingestion</b>	Have victim rinse mouth with water. Do not induce vomiting unless advised to by medical personnel. If discomfort occurs, seek medical attention.
<b>Additional Information</b>	Not Available

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## Section 05 - Fire Fighting Measures

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<b>Suitable Extinguishing Media</b>	Use extinguishing media suitable for surrounding fire.
<b>Unsuitable Extinguishing Media</b>	Not Available
<b>Specific Hazards Arising From the Chemical</b>	Carbon oxides may form in a fire.
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Wear NIOSH-approved self-contained breathing apparatus and protective gear.
<b>Further Information</b>	Not Available

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## Section 06 - Accidental Release Measures

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<b>Personal Precautions / Protective Equipment / Emergency Procedures</b>	Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so. Flush with water to remove any residue.
<b>Environmental Precautions</b>	Prevent product from entering sewers.
<b>Methods and Materials for Containment and Cleaning Up</b>	Clean up spill with non-reactive absorbent and place in suitable, labelled containers for proper disposal.

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## Section 07 - Handling and Storage

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<b>Precautions for Safe Handling</b>	Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store away from incompatible materials.

Incompatibilities

Not Available

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## Section 08 - Exposure Controls and Personal Protection

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### Exposure Limit(s)

Component	Regulation	Type of Listing	Value
Alcohols, C9-C11, Ethoxylated, Liquids	Not Established		

### Engineering Control(s)

#### Ventilation Requirements

Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

#### Other

Emergency shower and eyewash must be available and tested in accordance with regulations and be in close proximity.

### Protective Equipment

#### Eyes/Face

No specific requirement, but it is good practice to wear chemical safety glasses.

#### Hand Protection

No specific requirement.

#### Skin and Body Protection

Not specific requirement.

No special footwear is required other than what is mandated at place of work.

#### Respiratory Protection

When respirators are required, select NIOSH/MSHA approved equipment on actual or potential airborne concentrations.

#### Thermal Hazards

Not Available

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## Section 09 - Physical and Chemical Properties

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### Appearance

Physical State	Liquid
Colour	Yellow
Odour	Lemon-lime
Odour Threshold	Not Available

### Property

pH	7.4-7.8
Melting Point/Freezing Point	Not Available
Initial Boiling Point and Boiling Range	97.7°C
Flash Point	Not Applicable
Evaporation Rate	<1
Flammability	Non-flammable

<b>Upper Flammable Limit</b>	Not Applicable
<b>Lower Flammable Limit</b>	Not Applicable
<b>Vapour Pressure (mm Hg, 20°C)</b>	<1
<b>Vapour Density (Air=1)</b>	Not Available
<b>Relative Density</b>	Not Available
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition Coefficient: n-octanol/water</b>	Not Available
<b>Auto-ignition Temperature</b>	Not Applicable
<b>Decomposition Temperature</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Explosive Properties</b>	None
<b>Specific Gravity (Water=1)</b>	1
<b>% Volatiles by Volume</b>	Not Available
<b>Formula</b>	Mixture
<b>Molecular Weight</b>	Not Available

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## **Section 10 - Stability and Reactivity**

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<b>Reactivity</b>	Not Available
<b>Stability</b>	Stable.
<b>Possibility of Hazardous Reactions</b>	None known.
<b>Conditions to Avoid</b>	Keep away from heat and sources of ignition.
<b>Incompatible Materials</b>	Not Available
<b>Hazardous Decomposition Products</b>	Carbon oxides.

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## **Section 11 - Toxicological Information**

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### **Acute Toxicity Estimate**

<b>Component</b>	<b>Oral LD<sub>50</sub></b>	<b>Dermal LD<sub>50</sub></b>	<b>Inhalation LC<sub>50</sub></b>
Crusher Hand Soap	13.7 g/kg	428 g/kg	Not Available

This product has been classified in accordance with the Hazardous Products Regulations using ATE formula documented in the GHS standard.

## Chronic Toxicity – Carcinogenicity

### Component

### IARC

Crusher Hand Soap

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

<b>Skin Corrosion/Irritation</b>	Mild irritation may occur with prolonged contact.
<b>Ingestion</b>	Ingestion of large amounts may cause gastrointestinal discomfort.
<b>Inhalation</b>	No adverse effects are expected.
<b>Serious Eye Damage/Irritation</b>	May cause serious eye irritation.
<b>Respiratory or Skin Sensitization</b>	Not Available
<b>Germ Cell Mutagenicity</b>	Not Available
<b>Reproductive Toxicity</b>	Not Available
<b>STOT-Single Exposure</b>	Not Available
<b>STOT-Repeated Exposure</b>	Not Available
<b>Aspiration Hazard</b>	Not Available
<b>Synergistic Materials</b>	Not Available

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## **Section 12 – Ecological Information**

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### Ecotoxicity

Component	Toxicity to Algae	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
Alcohols, C9-C11, Ethoxylated, Liquids	Not Available	LC <sub>50</sub> (Pimephales promelas, 96hr): 8.5 mg/L	EC <sub>50</sub> (Daphnia magna, 48hr): 5.3 mg/L
<b>Biodegradability</b>	Alcohols, C9-C11, Ethoxylated, Liquids are expected to biodegrade.		
<b>Bioaccumulation</b>	Alcohols, C9-C11, Ethoxylated, Liquids are not expected to bioaccumulate.		
<b>Mobility</b>	Not Available		
<b>Other Adverse Effects</b>	Not Available		

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## **Section 13 – Disposal Considerations**

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<b>Waste From Residues/Unused Products</b>	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.
<b>Contaminated Packaging</b>	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

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## **Section 14 – Transport Information**

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<b>UN Number</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>Transport Hazard Class(es)</b>	Not Regulated
<b>Packaging Group</b>	Not Regulated
<b>Environmental Hazards</b>	Not listed as a marine pollutant under Canadian TDG Regulations, schedule III.
<b>Special Precautions</b>	Not Available
<b>Transport in Bulk</b>	Not Available

## **TDG**

### **Other**

Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

**TDG PRODUCT CLASSIFICATION:** This product has been classified on the preparation date specified at section 14 of this MSDS / SDS, for transportation in accordance with the requirements of part 2 of the Transportation of Dangerous Goods Regulations. If applicable, testing and/or published test data regarding the classification of this product are listed in the references at section 16 of this MSDS / SDS.

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## **Section 15 – Regulatory Information**

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**NOTE: THE PRODUCT LISTED ON THIS SDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS SDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.**

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## **Section 16 – Other Information**

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### **Preparation Date**

January 6, 2016

**Note:** The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

### **Attention: Receiver of the chemical goods / SDS coordinator**

As part of our commitment to the Canadian Association of Chemical Distributors (CACD) Responsible Distribution<sup>®</sup> initiative, ClearTech Industries Inc. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheet(s) to all affected employees, customers, and end-users. ClearTech will send any available supplementary handling, health, and safety information to you at your request.

If you have any questions or concerns please call our customer service center.

### **References:**

- 1) CHEMINFO
- 2) eChemPortal
- 3) TOXNET
- 4) Transportation of Dangerous Goods Canada
- 5) HSDB
- 6) ECHA
- 7) PAN

## **Advance Chemicals Ltd. - Locations**

**Corporate Head Office: 1500 Quebec Avenue, Saskatoon, SK, S7K 1V7**

**Phone: 1(306) 664 – 2522**

**Fax: 1(888) 281-8109**

[www.cleartech.ca](http://www.cleartech.ca)

**24 Hour Emergency Number - All Locations – 1(306) 664-2522**