



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** WORX All Natural powdered hand cleaner  
Complies with OSHA 29 CFR 1920.1200

APRIL 2010

**DISTRIBUTOR:** Aldec Trading Ltd.  
#108-19329 Enterprise Way  
Surrey, B.C. V3S 6J8  
Tel: 604-534-3688 Fax: 604-534-0166

### SECTION I - IDENTIFICATION

**PRODUCT:** WORX™ ORGANIC HAND CLEANER

**FORMULA:** A combination of anionic and nonionic surfactants with plant cellulosic colloids. Includes juniper berry essential oils. No inert fillers, 100% concentrated cleansing agent.

**HAZARD**

**SUMMARY:** Product is a skin cleanser used with water for multiple daily hand washings. Hazard is no more than with conventional household body soaps or hair shampoos.

### SECTION II - HEALTH INFORMATION

**INHALATION:** Overexposure to copious quantities of dust (in volume bulk handling) could lead to difficulty in breathing. When handling in volume use a dust mask.

**INGESTION:** Not palatable. Attempting to swallow should produce a gag reaction. However, if consumed could cause transient diarrhea.

**EYE CONTACT:** Can cause transient eye irritation. Flush eye area thoroughly with water.

**SKIN CONTACT:** Product is a skin cleanser and designed for multiple daily contact with the skin the same fashion as a household soap or hair shampoo and represents no risk. However, as with any soap or cleanser if concentrated product is left in contact with skin, (for example when volume bulk handling, if powder is caught inside shirt or pants) irritation could occur. Wash area with water.

### SECTION III - CHEMICAL AND PHYSICAL PROPERTIES

**HAZARDOUS DECOMPOSITION**

**PRODUCTS:** Burning would produce carbon monoxide and carbon dioxide, oxides of sulfur.

**APPEARANCE AND ODOUR:** Green, lemon or orange powder. Assumes fragrance of one of the cleaning agents: juniper berry essential oils, lemon or orange oil scents.

**SOLUBILITY:** Mostly full and immediate in water, cellulosic balance is subsequently rapidly biodegradable.

**SPECIFIC GRAVITY:** .710 to .788 g/cc      **BOILING POINT:** Not applicable

**VAPOUR PRESSURE:** Not applicable      **pH:** 7.8



**PRODUCT:** WORX *All Natural* powdered hand cleaner  
EMERGENCY OR GENERAL INFORMATION CONTACT NUMBERS:  
**WORX ENVIRONMENTAL PRODUCTS:** Tel. (403) 273-7600, 1-800-424-9679  
www.worxtm.com

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## SECTION IV - EMPLOYEE PROTECTION

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**GENERAL:** This product is a multiple daily use hand cleanser, used with water in the same fashion as household body soaps and hair shampoos, it can be used as designed and recommended without protection or safety measures. Bulk handling, observe as follows:

**CONTROL MEASURES:** Bulk handling only, provide local exhaust ventilation in dusting situations.

**RESPIRATORY PROTECTION:** Bulk handling only, provide filtration dust masks.

**PROTECTIVE CLOTHING:** Bulk handling only. Wear clothing to prevent concentrated dry material from accumulating inside clothing against skin for extended periods.

**EYE PROTECTION:** Bulk handling only. Wear safety goggles meeting ANSI Standard Z87.1 specifications if there is a possibility of contact of dry powder with the eyes.

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## SECTION V - ENVIRONMENTAL PROTECTION

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### ENVIRONMENTAL

**PRECAUTIONS:** Compound is to be considered an environmentally compatible product. Ingredients are water dissociative ionically or in case of cellulosic colloids rapidly biodegradable through organic decomposition upon exposure to water.

**WASTE DISPOSAL:** Biodegradability permits normal usage water sewage conduit disposal. Bulk material spillage: all recovered material should be packaged, labelled, transported and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. In event of bulk handling spill, reclaim where possible.

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## SECTION VI - REGULATORY CONTROLS

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**DOT Classification:** Non-regulated commodity  
**DOT Proper Shipping Name:** Cleaning compound

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## SECTION VII - TOXICITY

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<u>NFPA Hazard Index</u>		<u>Ratings</u>	<u>HMIS Hazard index</u>		<u>Ratings</u>
4 - Extreme	Fire	1	4 - Severe	Health	0
3 - High	Health	0	3 - Serious	Flammability	1
2 - Moderate	Reactivity	0	2 - Moderate	Reactivity	0
1 - Slight	Special	0	1 - Slight	Personal	
0 - Insignificant			0 - Insignificant	Protection	0

This product is composed of ingredients regarded as safe in situations for which it is suggested. A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that over exposure is unlikely to cause any or aggravate existing medical conditions.

*This information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which EARTH PRODUCTIONS or its representatives bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.*