



Material Safety Data Sheet

WORX WATERLESS HAND CLEANER

Product: 001

Revision Date: 2008/03/13

Section 1: PRODUCT INFORMATION

Chemical family: Not available.

Product uses: Product is a safe skin cleanser, used with or without water, for multiple daily hand and body washes. It is comparable in safety to conventional household body soaps and hair shampoos.

Supplier: Worx Environmental Products
Unit 10, 2305 52nd Ave, SE
Calgary, AB
T2C 4X7.

Emergency Phone Number: 800-424-9679
214-769-9028

Manufacturer: Same as supplier.

TDG classification: Not regulated.

WHMIS classification:

Not controlled.



DSL status: Not available.

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
	*	NO HAZARDOUS INGREDIENTS	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

*: A combination of bio-compatible and bio-degradable ingredients is listed on the product label.

Section 3: PHYSICAL DATA

Physical state: Liquid.

Appearance & odor: Viscous liquid.
green variations in color.
Sweet odor, from essential fragrance oil.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): 23

Vapour density (air=1): Not available.

Volatiles (%)

By volume: Not available.

**Evaporation rate
(butyl acetate = 1):** < 1

Boiling point (°C): <212°F (<100°C).

pH: Not available.

Specific gravity @ 20 °C: (water = 1).
0.80

Solubility in water (%): 20% soluble in water, balance emulsifies in water.

Coefficient of water\oil dist.: Not available.

Melting point (°C): < 32°F (<0°C).

VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

Flammability: Not flammable.

Conditions of flammability: Surrounding fire.

Extinguishing media: Dry chemical.
Water
Carbon dioxide.
Fog

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

Auto-ignition temperature: Not available.

Flash point (°C), method: Not available.

**Lower flammability
limit (% vol):** Not available.

**Upper flammability
limit (% vol):** Not available.

Explosion Data

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Hazardous combustion products: None known.

Explosive power: Not available.

Section 5: REACTIVITY DATA

Chemical stability: Stable under normal conditions.

Conditions of instability: None known.

Hazardous polymerization: Will not occur.

Incompatible substances: None known.

Hazardous decomposition products: None known.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Eye contact and ingestion.

Effects of acute exposure

Eye contact: Direct contact may cause irritation.
May cause stinging.

Skin contact: No hazard known.

Inhalation: No hazard known.

Ingestion: May cause irritation.

Effects of chronic exposure: None known.

LD50 of product, species & route: Not available.

LC50 of product, species & route: Not available.

Exposure limit of material: Not available.

Sensitization to product: Not available.

Carcinogenic effects: IARC, NTP, and OSHA do not list this product or its ingredients as carcinogens.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type: None required with normal use.

Respiratory/Type: None required under normal use.

Eye/Type: None required under normal use.

Footwear/Type: As per local regulations.

Clothing/Type: None required under normal use.

Other/Type: None, as intended cosmetic hand cleaner end use.

Ventilation requirements: Normal ventilation.

Leak/Spill: Soak up with an absorbent material.
Wear appropriate protective equipment.
Flush residuals to the drain for the normal biological wastewater treatment.
Place collected material in closed top containers for proper disposal.

Waste disposal: Incinerate or other approved method in accordance with local, state and federal regulations.

Handling procedures and equipment: Avoid contact with eyes.
No other handling requirements needed for intended product end use; cosmetic hand cleaner.
See container label for proper use.

Storage requirements: Store in closed containers.
No other storage requirements needed for intended product end use; cosmetic hand cleaner.
See container label for proper use.

Special shipping information: Not regulated.

Section 8: FIRST AID MEASURES

Skin contact: No first aid should be needed.

Eye contact: Flush with water for at least 15 minutes.
Consult a physician if irritation persists.

Inhalation: No first aid should be needed.

Ingestion: Induce vomiting as directed by medical personnel.
Consult a physician.
Never give anything by mouth to an unconscious person.

Section 9: ADDITIONAL INFORMATION

General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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