



MATERIAL SAFETY DATA SHEET

<< N/E = Not established N/AP = Not Applicable N/AV = Not Available C.O.C = Cleveland Open Cup >>

SECTION I: MATERIAL IDENTIFICATION AND USE

Material Name / Identifier: **WORX WATERLESS^{BIT} HAND CLEANER**
Material Intended Use: Industrial Hand Cleaner
Chemical Family: Proprietary complex mixture/ preparation
CAS number: N/Ap
Manufacturer's Name: WORX Environmental Products
Address: Unit 10, 2305-52nd Avenue SE
City & Province: Calgary, AB T2C 4X7
Information Telephone: 1-800-424-9679 or 403-273-7600
Emergency Telephone:
E-mail of the competent Person responsible for the Safety Data Sheet: marketing@worx.ca

SECTION II: HAZARDS IDENTIFICATION

2.1 Classification of the mixture

Not classified as hazardous

2.2 Label elements

The product does not require a hazard warning label in accordance with GHS criteria, but the following statement may be used: May causes eye irritation.

Precautionary Statement(s): Not required, but the following precautionary statements may be used:

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical attention
Wash hands thoroughly after handling

2.3 Other hazards

No particular hazard known

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	% W/W	CAS No.
Dioctyl sulfosuccinate sodium salt	>2 %	577-11-7
Sodium Silicate	> 3 %	1344-09-8

The specific chemical identity of this composition is being withheld as a trade secret.

SECTION IV: FIRST AID MEASURES

4.1. Description of first aid measures

Eyes: Check for and remove any contact lenses. Do not rub eyes. Immediately flush with warm running water holding the eyelids apart, for 15 minutes. Call a physician if irritation develops.
Skin: Rinse with plenty of water.
Ingestion: No toxic effect is expected. Rinse mouths with water and drink 1 glass of water. Do not induce vomiting. Consult a physician.
Inhalation: No toxic effect is expected. Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed: May irritate eyes

4.3 Indication of the immediate medical attention and special treatment needed: Treat symptomatically.

SECTION V: FIRE AND EXPLOSION HAZARD DATA

5.1 Extinguishing media

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire

Unsuitable Extinguishing Media: Not applicable

5.2 Special hazards arising from the substance or mixture: A slip hazard.

5.3 Advice for fire-fighters: Not applicable.

5.4 Additional Information: Not available



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SECTION VI: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Small spill: Use appropriate tools to wipe up the product.

Large spill: Stop the leak if possible. Block release of the chemical from sewer or storm drains. Observe all personal protection equipment recommendations.

6.2 Environmental precautions: Avoid discharge large quantity of product into drains, water courses or onto the ground

6.3 Methods and material for containment and cleaning up

Do not release large quantities into the surface water or into drains.

6.4 Reference to other sections See Also Section 7, 8, 13.

6.5 Additional Information: For waste Disposal: Follow local regulations for discharge of a large amount of waste effluent.

SECTION VII: SAFE HANDLING AND STORAGE

7.1 Precautions for safe handling Avoid ingestion.

7.2 Conditions for safe storage, including any incompatibilities: Keep container closed when not in use.

Storage Temperature < 50 °C.

Storage Life Not available.

Incompatible materials: Strong oxidizing agents

7.3 Specific end use(s): Not applicable

SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 National Limit Values: US. Workplace Environmental Exposure Level (WEEL) Guides

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.1.2 Monitoring Procedure: Not Available

8.1.2 Air contaminants occupational exposure and biological limit value: Not available for this product.

8.1.3 Relevant PNECs and DNELs: No PNECs and/or DNELs are available for this product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Guarantee sufficient ventilation while handling large quantities of product

8.2.2 Personal protection equipment

Protective Handwear: Gloves recommended preventing drying of hands while handling large quantities.

Protective Eyewear: Safety glasses with side shields or goggles while handling large quantities.

Other protective clothing: Not required.

Respiratory Apparatus: Not required

Local/mechanical exhaust: Not required.

8.2.3 Environmental Exposure Controls: Adequate ventilation is recommended while handling large quantities.

SECTION IX: PHYSICAL DATA

Physical State:	Cream	Odour:	Citrus
Appearance:	White Cream	Odor Threshold:	N/Av
Specific Gravity:	1.008	Vapor Pressure:	N/Av
Vapor Density:(Air=1)	N/Av	Evaporation rate:	N/Av
Boiling Point: (°C.)	N/Av	Freezing Point: (°C.)	N/Av
Solubility in Water:	N/Av	pH factor:	9.6
Flash Point/Method op. cup: (°C.)	N/Av	% Volatile:	N/Av
Explosive limits	N/Av	Oxidizer	N/Av
Water solubility	Soluble	Viscosity	N/E
Partition coefficient	N/Av	Auto ignition temperature	N/Av
Decomposition Temperature	N/Av	Explosive properties	N/Av



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SECTION X: STABILITY AND REACTIVITY DATA

- 10.1 Reactivity** Strong oxidizing agents
10.2 Chemical stability Stable under normal conditions.
10.3 Possibility of hazardous reactions Can react if in contact with – strong oxidizing agents.
10.4 Conditions to avoid Not known
10.5 Incompatible materials Strong oxidizing agents.
10.6 Hazardous Decomposition Product(s) Not known
10.7 Hazardous polymerization: Will not occur

SECTION XI: TOXICOLOGICAL INFORMATION

Information on toxicological effects

11.1.2 Mixtures

Acute Oral Toxicity Estimate	Not available
Irritation / Corrosivity:	May causes eye irritation.
Carcinogenicity Data:	The ingredients of this product is not classed as carcinogenic
Reproductive/ Mutagenicity Data:	No adverse reproductive effects are anticipated
Skin sensitization:	Is not a skin sensitizer

11.2 Component Information:

	CAS	LD50 Oral	Dermal LC50	LC50 Inhalation
Diocetyl sulfosuccinate sodium salt	577-11-7	>3100 mg/kg (Rat)	10000 mg/kg (Rabbit)	>20.0 mg/L/4h (Rat)
Sodium Silicate	1344-09-8	N/Av	N/Av	N/Av

Component Information Component LD50 Oral LD50 Dermal LC50 Inhalation Diocetyl sodium

SECTION XII: ECOLOGICAL INFORMATION

- 12.1 Toxicity** 96 hour LC₅₀ (Tilapia Nilotica) = 56 mg/l
12.2 Persistence and degradability: Readily biodegradable per OECD 301 D, closed bottle test
12.3 Bioaccumulative potential: Not Available
12.4 Mobility in soil: Not Available
12.5 PBT and vPvB assessment: Does not contain any substances that are assessed to be a PBT or a vPvB
12.6 Other adverse effects: None

SECTION XIII: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** Consult your local regional authority for disposal options
13.2 Additional Information Avoid release large quantities to the environment.

SECTION XIV: TRANSPORTATION INFORMATION

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|---|---------------|
| 14.1 ADR Classification | Not Regulated |
| 14.2 DOT (Department of Transportation) | Not Regulated |
| 14.3 TDG (Canada Transport of Dangerous Goods) | Not Regulated |
| 14.4 ICAO/IATA | Not Regulated |
| 14.5 IMO/IMDG | Not Regulated |



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SECTION XV: REGULATORY INFORMATION

15.1 Chemical Safety Assessment:

OSHA: This material is not classified as hazardous under OSHA regulations (29 CFR 1910.1200.

USA TSCA (Toxic Substance Control Act) All chemicals listed

US CERCLA Reportable quantity (RQ): No Reportable Quantity has been established for this material.

SARA TITLE III : Sec.302. 40 CFR 355: No extremely hazardous substances are present in this material.

SARA TITLE III : Sec.313. 40 CFR 372 This substance contains no materials subject to the reporting requirements of SARA (III) Section 313

SARA TITLE III : Sec.311 and 312. 40 CFR 370 MSDS Requirements. Hazardous Classes: Acute Health Hazard (Eye Irritation).

US State Right to Know Law

Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels under which would be subject to the proposition.

International information

Canadian Environmental Protection Act (CEPA) All ingredients listed appear on the Domestic Substances List (DSL)

15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union (EINECS/ELINCS) All chemicals listed

Canada WHMIS Classification Not regulated

SECTION XVI: ADDITIONAL INFORMATION

Information for this Material Safety Data Sheet was prepared from sources considered reliable. While every effort has been made to ensure full disclosure of product hazards, data is not available in some cases and is so stated where applicable. The manufacturer assumes no liability or responsibility, and no warranty is expressed or implied, in cases where products are mishandled, misused or instructions are not strictly observed. Each recipient of this MSDS is encouraged to study it carefully to fully understand this product

SECTION X: PREPARATION INFORMATION

Prepared by: WORX Environmental Products	Telephone: 1-800-424-9679	Date: June 3, 2016	Replaces: 04-Dec -14
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