

SAFETY DATA SHEET

SuperWash®

Section 1: Identification Of the Substance/Mixture And Of The Supplier

Supplier

SWI International, Polycracker Inc.
487 Division Street
Boonton, NJ 07005

Telephone Number: 973-334-2525
E-Mail: superwashcleaner@aol.com
Web Site: www.superwash-cleaner.com

Manufacturer

SWI International, Polycracker Inc.
487 Division Street
Boonton, NJ 07005

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Supplier Emergency Contacts & Phone Number

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Manufacturer Emergency Contacts & Phone Number

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Issue Date: 07/20/2015

Product Name: SuperWash®
CAS Number: NA

Product/Material Uses

SuperWash cleaner and dispersant is a revolutionary break-through in today's cleaning products.

This buffered alkaline cleaner produces exceptional results, and is a solution for all cleaning requirements.

It is water-based, non-toxic and readily biodegradable and safe for workers to use.

It is formulated to perform by cleaning all types of surfaces in all situations from crude oil ocean spills to the manufacture of intricate medical devices and has been serving these industries for over 30 years and of course works very well on all cleaning situations.

Section 2: Hazards Identification

Hazard Classification(s)**HAZARD CLASSIFICATION(S):**

Eye Damage/Irritation - Category 2
Acute Aquatic Hazard - Category 3

There is insufficient information to estimate Acute Inhalation Toxicity

SIGNAL WORD: WARNING

HAZARD STATEMENTS:

Causes eye irritation (H320)
Harmful to aquatic life (H402)

PRECAUTIONARY STATEMENTS:

P264 - Wash thoroughly after handling.
P273 - Avoid release to the environment
P305+P351+P338 - 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.
P337+P313 - If eye irritation persists: Get medical attention/advice.
P501 - Dispose of contents/container in accordance with local, state, federal and international regulation.

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Section 3: Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
EDTA tetrasodium salt	64-02-8	1.2
isopropyl alcohol	67-63-0	1.9
secondary C12-14 alcohol ethoxylate	84133-50-6	6.7
sodium hydroxide	1310-73-2	3
sodium metasilicate	6834-92-0	2.9

Section 4: First Aid Measures

Eye

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

Wash affected areas with soap and water. Get medical attention immediately if irritation, redness or rash develops and persists.

Ingestion

Call a physician or a poison control center immediately. If swallowed, do not induce vomiting unless directed to do so by medical personnel.

Inhalation

None normally required. Remove person from source of exposure to fresh air. Get medical attention if irritation develops.

Section 5: Fire Fighting Measures

Fire And Explosion Hazards

Thermal decomposition ("burning") may evolve toxic and irritating decomposition byproducts.

Extinguishing Media

Non-combustible. Use the appropriate extinguishing media for the surrounding fire.

Fire Fighting Instructions

Move containers away from fire area if safe to do so. Water can be used to cool and protect exposed material.

Section 6: Accidental Release Measures

Small spills or releases can be wiped up with a sponge, cloth or other absorbent material. Released recovered product can be reused for general purpose cleaning, if desired.

For large spills or releases, stop the flow of material and recover with wet/dry vac. Rinse area with water. Released recovered product may be used for general purpose cleaning, if desired.

Section 7: Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store container tightly closed in well-ventilated place. Wash hands thoroughly after handling.

Section 8: Exposure Controls/Personal Protection

Engineering Controls

None normally required. Use with adequate general and local exhaust ventilation.

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Section 8: Exposure Controls/Personal Protection - Continued

Eye/Face Protection

Safety glasses with side shields or goggles are recommended as minimum industrial eye protection when handling bulk product or performing spill cleanup.

Skin Protection

Protective chemical-resistant gloves are recommended to minimize skin contact.

Respiratory Protection

None normally required. General room ventilation is normally adequate. In case of inadequate ventilation, use a NIOSH-approved respirator.

Ingredient(s) - Exposure Limits

isopropyl alcohol

ACGIH TLV-TWA: 200 ppm

ACGIH TLV-STEL: 400 ppm

OSHA PEL-TWA 400 ppm

MSHA TWA: 400 ppm

IDLH: 2000 ppm

sodium hydroxide

ACGIH TLV-CEILING: 2 mg/m³

OSHA PEL-TWA: 2 mg/m³

NIOSH REL-Ceiling: 2 mg/m³

IDLH: 10 mg/m³

AIHA ERPG-1: 0.5 mg/m³

AIHA ERPG-2: 5 mg/m³

AIHA ERPG-3: 50 mg/m³

Section 9: Physical And Chemical Properties

Appearance

A milky clear liquid.

Odor

A slight characteristic odor.

Odor Threshold

not available

Chemical Type: Mixture

Physical State: Liquid

Melting Point: not available °F

Boiling Point: 215.6 °F

Specific Gravity: 1.0293

Packing Density: NA

Vapor Pressure: 23 mm Hg @ 25C

Vapor Density: NA

pH Factor: 11 ±0.5 At a Concentration Of 1% (as mixed)

Solubility: completely (in water)

Viscosity: 24 CPS (#2 spindle 50 rpm)

Evaporation Rate: not available

Partition Coefficient (n-octanol/water): not available

Flash Point: >210 deg. F

Flammability (solid, gas): non-flammable

Lower Explosive Limit (LEL %): not applicable

Upper Explosive Limit (UEL %): not applicable

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Section 9: Physical And Chemical Properties - Continued

Autoignition Temperature: will not occur
Decomposition Temperature: not available

Section 10: Stability And Reactivity

Stability: stable
Hazardous Polymerization: will not occur

Incompatible Materials

Avoid contact with alkali earth metals and strong oxidizing agents.

Hazardous Decomposition Products

Thermal oxidation (i.e., "burning") may produce decomposition products of carbon dioxide and carbon monoxide.

Section 11: Toxicological Information

Eye Effects

Eye contact with liquid, mist or spray may cause eye irritation.

Skin Effects

Product is not a significant skin irritant based on toxicological tests.

Acute Oral Effects

May be harmful if swallowed. Ingestion of small amounts may cause gastrointestinal irritation and upset. Intentional ingestion of large quantities may cause central nervous system effects, cardiovascular depression and damage to the liver or kidneys.

Acute Inhalation Effects

There is insufficient information available for this product to assess acute inhalation toxicity. Product is not believed to be a significant respiratory irritant.

Chronic/Carcinogenicity

Neither the product overall nor any of its ingredients are known to be listed as potentially carcinogenic by NTP, IARC, OSHA or ACGIH.

Ingredient(s) - Toxicological Data

EDTA tetrasodium salt
LD50 (oral, rat): 10 g/kg
LD50 (oral, rabbit): 7 g/kg
LD50 (oral, dog): 12 g/kg
isopropyl alcohol
LD50 (oral, rat): 2735 mg/kg
LC50 (inhal, rat): 16,000 ppm/8hr
LD50 (oral, mouse): 3600 mg/kg
LD50 (oral, rabbit): 6410 mg/kg
LD50 (dermal, rabbit): 12,800 mg/kg
secondary C12-14 alcohol ethoxylate
LD50 (oral, rat): >3,000 mg/kg Estimated
LD50 (dermal, rabbit): >2,000 mg/kg Estimated
sodium hydroxide
LD50 (dermal, rabbit): 1,350 mg/kg
LD50 (oral, rat): 140-340 mg/kg
LDlo (oral, human): 1.57 mg/kg
sodium metasilicate
LD50 (oral, rat): 1153 mg/kg
LD50 (oral, mouse): 770 mg/kg

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Section 12: Ecological Information

Ecotoxicological Information

Harmful to aquatic organisms. Avoid release to sewers and waterways.

Section 13: Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Dispose of bulk amounts in an environmentally responsible manner.

Section 14: Transport Information

Proper Shipping Name

Not regulated for transportation

Section 15: Regulatory Information

U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard

SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

Ingredient(s) - State Regulations

isopropyl alcohol

New Jersey - Workplace Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

sodium hydroxide

New Jersey - Workplace Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

Ingredient(s) - Canadian Regulatory Information

isopropyl alcohol

WHMIS - Ingredient Disclosure List

Section 16: Other Information

NFPA Rating

Health: 1

Fire: 0

Reactivity: 0

HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

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Section 16: Other Information - Continued

HMIS Rating - Continued

Disclaimer

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SWI International, Polycracker Inc.

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