

MATERIAL SAFETY DATA SHEET



J-WORKS Low Foaming Auto Scrubber Detergent

HMIS		NFPA	Personal protective equipment		
Health	3	3			
Fire Hazard	0	0			
Reactivity	0	0			

Version Number: 2

Preparation date: 2004-11-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: J-WORKS Low Foaming Auto Scrubber Detergent

MSDS #: 3469031

Product code: 3469015, 3469023, 3469031

Recommended use: Cleaning product. Detergent.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversey.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CONCENTRATE. CAUSES EYE AND SKIN BURNS . HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure:

Eyes. Skin. Inhalation. Ingestion.

Skin contact:

Corrosive. May cause permanent damage.

Eye contact:

Corrosive. Causes permanent eye damage, including blindness.

Inhalation:

May cause irritation and corrosive effects to nose, throat and respiratory tract. Use only in well-ventilated areas .

Ingestion:

Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Potassium hydroxide	1310-58-3	1 - 5%	273 mg/kg (rat)	Not available	Not available

4. FIRST AID MEASURES

Eye contact:

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact:

Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation:

If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion:

Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Aggravated Medical Conditions:

Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects .

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable. Use dry chemical, CO2, water spray or "alcohol" foam.

Specific hazards:

Not applicable

Unusual hazards:

Corrosive material (See sections 8 and 10).

Specific methods: No special methods required.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:
Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Use only in well-ventilated areas. General room ventilation plus local exhaust should be used to minimize exposure to vapors.

Personal Protective Equipment

Eye protection: Chemical splash goggles.
Hand protection: Chemical resistant gloves. Includes neoprene gloves.
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Use only in well-ventilated areas.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

Ingredient	CAS #	ACGIH	OSHA	Mexico
Potassium hydroxide	1310-58-3	2 mg/m ³ (Ceiling)	2 mg/m ³ (CEILING)	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Pink	Boiling point/range:	Not determined
Odor:	Odorless	Melting point/range:	Not determined
Specific gravity:	1.034	pH:	13.2
Dilution pH:	12.4	Density:	8.61
Bulk density:	No information available	Decomposition temperature:	Not determined
Vapor density:	No information available	Autoignition temperature:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
Solubility in other solvents:	No information available	VOC:	No information available
Viscosity:	No information available	Flash point:	>200 (°F) >93.3 (°C)
Partition coefficient (n-octanol/water):	No information available		

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur
Hazardous decomposition products: None reasonably foreseeable
Materials to avoid: Acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known

Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: no data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Potassium hydroxide	1310-58-3	Listed	Listed	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-	-	-
Sodium N-tallow-.beta.-iminodipropionate	61791-56-8	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	RQ	Section 302/TPQs	Section 313
Potassium hydroxide	1310-58-3	1 - 5%	1000 LBS		

Canada

WHMIS hazard class: E Corrosive material .



16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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