

MATERIAL SAFETY DATA SHEET



Heavy Duty Rotisserie and Oven Cleaner (SUMA)

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

Version Number: 1

Preparation date: 2005-09-26

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Heavy Duty Rotisserie and Oven Cleaner (SUMA)

MSDS #: MS0100422

Product code: 3681817

Recommended use: Oven and Grill Cleaner.

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. CAUSES EYE AND SKIN BURNS ON CONTACT . HARMFUL OR FATAL IF SWALLOWED. Do not mix with any other product or chemical.

Principle routes of exposure:

Eyes. Skin. Inhalation. Ingestion.

Eye contact:

Corrosive. Causes permanent eye damage, including blindness.

Skin contact:

Corrosive. May cause permanent damage.

Inhalation:

May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion:

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	10 - 20%	273 mg/kg (rat)	Not available	Not available
Sodium hydroxide	1310-73-2	10 - 20%	140 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. Get medical attention immediately.

Aggravated Medical Conditions:

None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

Specific hazards:

None known.

Unusual hazards:

Corrosive material (See sections 8 and 10).

Specific methods:

No special methods required

Autoignition temperature:

No information available.

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: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions
and clean-up methods:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. 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. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. 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:

General room ventilation is adequate.

Personal Protective Equipment

Eye protection:

Chemical splash goggles.

Hand protection:

Long rubber gloves

Skin and body protection:

If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

No special requirements under normal use conditions. In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures:

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Ingredient	CAS #	ACGIH	OSHA	Mexico
Potassium hydroxide	1310-58-3	2 mg/m ³ (Ceiling)		
Sodium hydroxide	1310-73-2	2 mg/m ³ (Ceiling)	2 mg/m ³	2 mg/m ³ (Ceiling)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Brown

Odor: Odorless

Specific gravity: 10.75 lb/gal

Dilution pH: 12.6 @ 1.0% solution

Bulk density: No information available

Vapor density: No information available

Evaporation rate: No information available

Solubility in other solvents: No information available

Viscosity: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Aqueous solution

Boiling point/range: Not determined

Melting point/range: Not determined

pH: 12.72

Density: 1.290 g/ml

Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: Soluble

VOC: 0.0%

Flash point: >200 (°F) >93.3 (°C)

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.

Conditions to avoid:

Do not mix with any other product or chemical.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Corrosive: Oral LD50 estimated to be between 500 - 2000 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:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . 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:
Water	7732-18-5	-	-	-	-	-	-
Potassium hydroxide	1310-58-3	Listed	Listed	Listed	Listed	Listed	Listed
Sodium hydroxide	1310-73-2	Listed	Listed	Listed	Listed	Listed	Listed
Tetrasodium salt of EDTA	64-02-8	-	-	-	-	-	-
Sodium gluconate	527-07-1	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Potassium hydroxide	1310-58-3	10 - 20%	1000		
Sodium hydroxide	1310-73-2	10 - 20%	1000		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

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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