

MATERIAL SAFETY DATA SHEET



GEL OVEN & GRILL CLEANER (SUMA)

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

Version Number: 1

Preparation date: 2007-01-05

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: GEL OVEN & GRILL CLEANER (SUMA)

MSDS #: 207601835001

Product code: 4271490, 1265012

Recommended use: Oven and Grill Cleaner.

Manufacturer, importer, supplier:

US Headquarters	Canadian Headquarters
JohnsonDiversey, Inc.	JohnsonDiversey - Canada, Inc.
8310 16th St.	2401 Bristol Circle
Sturtevant, Wisconsin 53177-0902	Oakville, Ontario L6H 6P1
Phone: 1-888-352-2249	Phone: 1-800-668-3131
MSDS Internet Address:	
www.johnsondiversev.com	

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.

Principle routes of exposure:	Eye contact. Skin contact. Inhalation.
Eye contact:	Corrosive. Causes permanent eye damage, including blindness.
Skin contact:	Corrosive. Causes permanent damage .
Inhalation:	May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion:	Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium hydroxide	1310-73-2	10 - 20%	=140 mg/kg	=1350 mg/kg	Not available
Potassium hydroxide	1310-58-3	0.1 - 1.5%	=214 mg/kg	Not available	Not available
Sodium chlorate	7775-09-9	0.1 - 1.5%	=1200 mg/kg	>10 g/kg	>28 g/m ³ (1 h)

4. FIRST AID MEASURES

Eye contact:	Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact:	Immediately flush with plenty of water for 15-20 minutes . Get medical attention immediately.
Inhalation:	If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion:	If swallowed, rinse mouth. Give a cupful of water or milk . THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
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:	Not applicable
Specific hazards:	Not applicable

5. FIRE-FIGHTING MEASURES

Unusual hazards: None known
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: Use personal protective equipment
Environmental precautions and clean-up methods: Clean-up methods - large spillage. 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:

ALWAYS WEAR LONG CHEMICAL-RESISTANT GLOVES, CHEMICAL-SPLASH GOGGLES AND PROTECTIVE FOOTWEAR WHEN SPRAYING AND WIPING. Do not spray toward face. Wash hands and arms after use. Do not spray on or let spray contact pilot light, electrical connections, switches, light bulbs, heating elements, receptacles, or thermostats. Spray may cause electric short. Do not let product contact floor coverings, linoleum, aluminum, copper, chrome, painted surfaces or plastics. Do not use on continuous or self-cleaning ovens. 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. 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:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection: Chemical splash goggles.
Hand protection: Chemical resistant gloves
Skin and body protection: Protective footwear. 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.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Bulk density:	No information available
pH:	13	Dilution pH:	No information available.
Appearance:	Liquid	Vapor density:	No information available
Color:	Opaque White	Evaporation Rate	No information available
Odor:	Surfactant	Boiling point/range:	Not determined
Specific gravity:	1.19	Melting point/range:	Not determined
Density:	9.94 lbs/gal	Decomposition temperature:	Not determined
VOC:	0	Autoignition temperature:	No information available
Flash point:	>200 (°F) >93.3 (°C)	Partition coefficient (n-octanol/water):	No information available
Solubility:	Soluble	Solubility in other solvents:	No information available
Viscosity:	No information available	Elemental Phosphorus:	0 %P

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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Acute toxicity Corrosive LD50 estimated to be >1000 and <5000 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

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(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Sodium hydroxide	1310-73-2	X	X	X	X
Potassium hydroxide	1310-58-3	X	X	X	X
Water	7732-18-5	-	-	-	-
Sodium chlorate	7775-09-9	X	X	X	X
Polymer/Solids	TS*	-	-	-	-
Sodium gluconate	527-07-1	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hydroxide	1310-73-2	10 - 20%	1000		
Potassium hydroxide	1310-58-3	0.1 - 1.5%	1000		

SARA 311/312 Hazard Categories

Immediate: X
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS hazard class: E Corrosive material .



16. OTHER INFORMATION

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

16. OTHER INFORMATION

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