



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Wipe Away Oven and Grill Cleaner

PRODUCT CODE 00180

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE October 28, 2004

MANUFACTURER James Austin Company
STREET ADDRESS 115 Downieville Road
CITY, STATE, ZIP Mars, PA 16046

Medical Information 1-866-359-5662
Transportation: 1-800-424-9300*

* For spill, leak, fire or transport accident emergencies.

Product Information: 724-625-1535

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
Potassium Hydroxide	1310-58-3	5.5	2 mg/m PEL-TWA	2 mg/m TLV-Ceiling	250 mg/m IDLH
Nonylphenol polyethylene Glycol ether	9016-45-9	4.6	NA	NA	NA
Polyacrylic acid solution	9003-01-4	3.4	NA	NA	NA
Sodium gluconate	527-07-1	1.0	NA	NA	NA

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW Corrosive Irritant
Causes burns to eyes, skin and mucous membranes.
Vapors or mists can cause severe irritation and possibly burns to the respiratory tract.
Avoid breathing mists.
May be harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause blindness. Abdominal pain, vomiting and diarrhea. May be harmful or fatal if swallowed.
INHALATION	Mists cause respiratory irritation.
EYE CONTACT	Irritating to eyes; may cause burns.
SKIN CONTACT	Can cause burns.

SECTION 4 -- FIRST AID MEASURES

INGESTION	Immediately rinse mouth out with plenty of water. If within 30 minutes after ingestion, give a small glass of water or milk (NEVER give anything by mouth to unconscious person). DO NOT INDUCE VOMITING. Seek medical attention immediately.
INHALATION	Remove to fresh air. Seek medical attention if breathing becomes difficult or symptoms develop.
EYE CONTACT	Immediately flush with water, flushing both upper and lower eyelids thoroughly. Remove contact lenses and continue flushing for at least 30 minutes. Seek medical attention immediately.
SKIN CONTACT	Remove contaminated clothing. Flush affected area with water for at least 20 minutes and wash with mild soap and water. Seek medical attention if symptoms develop and persist.
NOTE TO PHYSICIAN	Contact <i>Hazard Information Services</i> for assistance with the management of exposures to this product.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	NDA	FLAMMABLE LIMITS	NDA
EXTINGUISHING MEDIA	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.		
SPECIAL FIRE FIGHTING PROCEDURES	Wear appropriate protective clothing. Use self-contained breathing apparatus. Do not get water inside containers.		
FIRE AND EXPLOSION HAZARDS	None		

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Must wear appropriate personal protective equipment. Extinguish all ignition sources. Absorb or cover with dry earth, sand or other non-combustible material and transfer to sealable containers. For large spills, dike far ahead of spill for later disposal. Keep out of sewers, watersheds, and waterways.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Use with adequate ventilation. Use with proper personal protective equipment.
STORAGE PRECAUTIONS	Store upright in a cool, dry, well ventilated area out of direct sunlight. Keep container tightly closed at all times. Store away from incompatible materials. Empty containers may retain hazardous properties. Follow all label warnings even after container is empty. Do not reuse empty container. Keep this and all chemicals out of reach of children.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Use good personal/industrial hygiene practices. Wash thoroughly after using. Keep off clothing/equipment. Launder contaminated clothing before re-use. Do not eat, drink, or smoke in work area. Limit skin & eye contact and inhalation.
ENGINEERING CONTROLS	Provide sufficient mechanical ventilation. Use local exhaust when available.

PERSONAL PROTECTIVE EQUIPMENT

X	RESPIRATOR	Use NIOSH approved respirator.
X	GOGGLES / FACE SHIELD	Goggles and a face shield are required.
X	APRON	Recommended
X	GLOVES	Recommended
X	BOOTS	Recommended

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid	BOILING POINT	NDA
ODOR	none	FREEZING POINT	NDA
pH	12.5 – 13.5	VAPOR PRESSURE	NDA
SPECIFIC GRAVITY	1.075 – 1.085	VAPOR DENSITY	NDA
SOLUBILITY IN WATER	100%	EVAPORATION RATE	NDA

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Heat, sparks, flames. No smoking when using.					
INCOMPATIBILITY	Acids; Aldehydes; Halogenated organic compounds; Organic nitro compounds; Tin, zinc, aluminum and alloys containing these metals; Wool and leather.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide (CO); Carbon dioxide (CO ₂); Sodium containing compounds; Sulfur containing compounds.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 -- TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	The degree of injury will depend upon exposure dose, duration of exposure and speed and thoroughness of first aid treatment.
CHRONIC	Dermatitis

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	X		NOT BIODEGRADABLE	
BOD / COD VALUE	No data available					
ECOTOXICITY	No data available					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Consult a local expert for advice on the disposal of this material. Characteristics of recovered material may differ from those of original material. Ensure that disposal is in compliance with local, state, and federal regulations.					
RCRA CLASSIFICATION	Non-hazardous					
RECYCLE CONTAINER		YES	X		CODE	2 - HDPE
					NO	

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS	X		NOT HAZARDOUS	
DOT Proper Shipping Name	Potassium hydroxide solution					
Hazard Class	8					
Identification Number	UN 1814					
Packing Group	II					
Label/Placard	Corrosive					
RQ	Potassium hydroxide (1310-58-2) 1000 lbs. 454 kg					
HM CODE	None					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

3	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by James Austin Company in connection with the use of this information.