



SAFETY DATA SHEET

Fast Off Oven Cleaner

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Printed: 03/19/2015

Revision: 03/19/2015

Supersedes Revision: 05/13/2014

1. Product and Company Identification

Product Code: 327180
Product Name: Fast Off Oven Cleaner
Company Name: GORM, Inc.
1501 South Hudson Avenue
Ontario, CA 91761
Phone Number: (909)292-1400
Web site address: www.gorminc.com
Emergency Contact: ChemTel (800)255-3924
Recommended Use: Oven Cleaner
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Serious Eye Damage/Eye Irritation, Category 1
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Inhalation, Category 4



GHS Signal Word: Danger

GHS Hazard Phrases: Harmful if swallowed.
Causes serious eye damage.
Harmful in contact with skin.
Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, eye protection, face protection.
Use only outdoors or in a well-ventilated area.
Avoid breathing fumes and spray mist.
Keep out of reach of children.

GHS Response Phrases: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
Rinse mouth.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs, get medical attention immediately.
Take off contaminated clothing.
If eye irritation persists, get medical attention immediately.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

GHS Storage and Disposal Phrases: Dispose of contents and container according to the local, city, state and federal regulations.
Store in cool dry place at room temperature away from direct sunlight.



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Potential Health Effects (Acute and Chronic):

Prolonged or repeated eye contact may cause conjunctivitis.

Prolonged or repeated skin contact may cause dermatitis.

Inhalation:

Harmful if inhaled. Irritation may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma.

Skin Contact:

Causes severe burns with delayed tissue destruction. Causes redness and pain. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color. Causes skin irritation. Harmful if absorbed through the skin.

Eye Contact:

Causes severe eye burns. May cause irreversible eye injury. Contact may cause ulceration of the conjunctiva and cornea. Eye damage may be delayed. Causes redness and pain.

Ingestion:

Harmful if swallowed. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause circulatory system failure. May cause perforation of the digestive tract. Causes severe digestive tract burns with abdominal pain, vomiting, and possible death. Fatal if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-58-3	Potassium hydroxide	Proprietary
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	Proprietary
111-76-2	Ethanol, 2-Butoxy-	Proprietary

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:

Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Get medical aid.

In Case of Skin Contact:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes. Get medical aid if irritation develops or persists.

In Case of Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).

In Case of Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. Call a poison control center.

Note to Physician:

Treat symptomatically and supportively.



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5. Fire Fighting Measures

Flash Pt:	NE
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	NE
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Do not expose spill to water. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Wash thoroughly after handling. Do not allow water to get into the container because of violent reaction. Do not breathe dust, mist, or vapor. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale.
Precautions To Be Taken in Storing:	Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m3	No data.
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
Respiratory Equipment (Specify Type):	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Always use a NIOSH approved respirator when necessary.			
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear chemical goggles.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls (Ventilation etc.):	Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.			



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9. Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid
Appearance and Odor: Amber colored liquid with solvent fragrance.
Melting Point: No data.
Boiling Point: > 212.00 F
Autoignition Pt: NE
Flash Pt: NE
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.170
Density: 9.75 lbs/gal
Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: >=2000cps
pH: 13 - 14
Percent Volatile: No data.
VOC / Volume: < 10.0000 G/L

10. Stability and Reactivity

Stability: Unstable ☐ Stable ☒
Conditions To Avoid - Instability: None.
Incompatibility - Materials To Avoid: Strong oxidizing agents. Strong acids, Aluminum and Soft Metals.
Hazardous Decomposition Or Byproducts: Oxides of potassium, hydrogen gas. CO, CO2.
Possibility of Hazardous Reactions: Will occur ☐ Will not occur ☒
Conditions To Avoid - Hazardous Reactions: None.



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11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information:

CAS# 64-02-8:

Acute toxicity, LD50, Intraperitoneal, Mouse, 330.0 MG/KG.

Results:

Behavioral: Somnolence (general depressed activity).

Kidney, Ureter, Bladder: Hematuria.

Skin and Appendages: Other: Hair.

- Revue d'Epidemiologie, Medecine Sociale et Sante Publique., Masson Editeur, 120 Blvd. Saint-Germain, F-75280, Paris Cedex 06 France, Vol/p/yr: 10,391, 1962

CAS# 111-76-2:

Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG.

Results:

Behavioral: Somnolence (general depressed activity).

Behavioral: Muscle weakness.

- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.

Results:

Behavioral: Ataxia.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2:

ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.

California: Not listed.

NTP: Not listed.

IARC: Not listed.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

Results of PBT and vPvB assessment:

No data available.

CAS# 64-02-8:

Not reported., Green Algae (*Scenedesmus quadricauda*), 11000. UG/L, Population, Water temperature: 27.00 C C, pH: 7.00.

Results:

No observed effect.

- Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test, Bringmann, G., and R. Kuhn, 1977

CAS# 111-76-2:

LC50, Brine Shrimp (*Artemia salina*), nauplii, 1000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C.

Results:

Morphological changes.

- Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974



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13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: NA1760

Packing Group: II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Potassium hydroxide, solution. mixture.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1310-58-3	Potassium hydroxide	No	Yes 1000 LB	No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No	No	No
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230

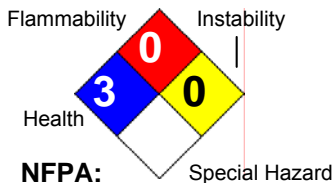
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-58-3	Potassium hydroxide	CA PROP.65: No
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	CA PROP.65: No
111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No

16. Other Information

Hazard Rating System:

HEALTH		3
FLAMMABILITY		0
PHYSICAL		0
PPE		C

HMIS:



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Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.