Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	**WHMIS CLASS E: Corrosive liquid. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.** WHMIS (Classification)	HCS Class: Corrosive liquid. HCS Class: Toxic. HCS

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	**Oven Jell**
Synonym	Oven & Grill Cleaner
Chemical Family	Not Applicable
Chemical Formula	Not applicable.
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156
TSCA	**TSCA Inventory: All components listed or are exempt from listing.**
DSL/ NDSL	**All components listed unless noted elsewhere on this MSDS**

Code	139
CAS #	Not applicable.
Validation Date	**3/2/2007**
Print Date	3/28/2007
In Case of Emergency	Chemtrec (800) 424-9300

Protective Clothing

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC_{50}/LD_{50}
Sodium Hydroxide	1310-73-2	10-15	TWA: 2 (mg/m^3) from OSHA (PEL) [United States]	Not available.
Xanthan Gum	11138-66-2	0-5	Not available.	ORAL (LD50): Acute: 45000 mg/kg [Rat].
Gluconic Acid	526-95-4	0-5	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Eye contact can result in corneal damage or blindness. Corrosive to skin and eyes on contact. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.
Potential Chronic Health Effects	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Call a poison control center or doctor immediately for treatment advice. IMMEDIATELY Hold eye open and rinse slowly and thoroughly with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
Skin Contact	Rinse skin with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for further treatment advice.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion	Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A

Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Face shield.Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water.
Incompatibility	Strong acids.
Storage	Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of reach of children. For Institutional and Commercial Use

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

Eyes	Splash goggles or Face shield.
Body	Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.
Respiratory	Wear appropriate respirator when ventilation is inadequate.
Hands	Neoprene gloves.

Protective Clothing (Pictograms)

Exposure Limits

Sodium Hydroxide
TWA: 2 (mg/m^3) from OSHA (PEL)

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Molecular Weight	Not applicable.
pH	12.5 to 14 [Basic.]
Boiling/Condensation Point	218°F initial
Melting/Freezing Point	Not available.
Critical Temperature	Not available.
Instability Temperature	Not available.
Specific Gravity	1.12 (Water = 1)
Vapor Pressure	20mm Hg @ 68°F
Vapor Density	>1 (Air = 1)
Volatility	80
VOC	Not available.
Evaporation Rate	<1
Dispersion Properties	See solubility in water.
Solubility	Easily soluble in cold water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	CLOSED CUP: >98.889°C (210°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials.
Explosion Hazards in Presence of Various Substances	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

Odor	Characteristic.
Taste	Not available.
Color	Amber.

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Strong acids.
Hazardous Decomposition Products	not available

Section 11. Toxicological Information

Routes of Entry	Skin contact. Ingestion. Eye Contact
Toxicity to Animals	Acute oral toxicity (LD50): 140 mg/kg [Rat]. (Sodium Hydroxide).
Acute Effects on Humans	
Eyes	Severely corrosive to the eyes. Eye contact can result in corneal damage or blindness.
Skin	Severe skin irritant. Prolonged or repeated contact may cause severe chemical burns.
Inhalation	Irritating to the mucous membranes in the nose, throat, and lungs. May cause coughing, chest pain, and difficulty in breathing. Prolonged exposure may result in tissue damage.
Ingestion	Extremely corrosive to the mouth and throat. May result in severe chemical burns. May cause severe abdominal pain, nausea, vomiting, and possible collapse.
Chronic Effects on Humans	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity	Not Available
BOD5 and COD	Not Available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A) (Pictograms)

TDG Classification 8

PIN UN, Proper Shipping Name, PG Shipping name: Corrosive liquids n.o.s. UNNA: 1760 PG: II

Maritime Transportation Not available.

Special Provisions for Transport	Not available.

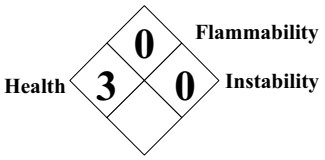
Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	WHMIS CLASS E: Corrosive liquid. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.	
Regulatory Lists	No products were found.	
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).	
Other Classifications	**HCS (U.S.A.)**	HCS Class: Corrosive liquid. HCS Class: Toxic.
	USA Regulatory Lists	California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Ethylene Oxide < 1 ppm California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Ethylene Oxide <1 ppm Pennsylvania RTK: Propylene Glycol Massachusetts RTK: Ethylene Oxide SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium Hydroxide: immediate health hazard
	DSD (EEC)	R22- Harmful if swallowed. R35- Causes severe burns.
	International Regulations Lists	No products were found.

Hazardous Material Information System (U.S.A.)

Health	3
Flammability	0
Physical Hazard	0

National Fire Protection Association (U.S.A.)



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Validated by CRushton on 3/2/2007.

Verified by CRushton.

Printed 3/28/2007.

Information Contact **Betco Corporation**
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Toledo, Ohio 43607

Notice to Reade

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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