

Material Safety Data Sheet

Misty Oven and Grill Cleaner

Section 1. Chemical Product and Company Identification

Product Name	Misty Oven and Grill Cleaner		
Product Number	BL00110		
Product Use	Oven & Grill Cleaner		
Manufacturer/Supplier	Amrep, Inc. 990 Industrial Park Drive Marietta, GA 30062		
Phone Number	(770) 422-2071 (Mon-Fri/ 8am- 5pm ET)		
D.O.T. Emergency Phone:	CHEM TEL (800) 255-3924 INTERNATIONAL: + 01-813-248-0584		
Date of Preparation	April 27 2009	Revision Number	1.0

Section 2. Hazards Identification

Emergency overview This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

DANGER!

Keep out of reach of children.

Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work-station location. S24/25- Avoid contact with skin and eyes.

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.

Routes of Entry Skin contact. Ingestion. Eye Contact

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.

Medical conditions aggravated by exposure: Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

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.

Target organs

Environmental effects Not available.

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Sodium Hydroxide	1310-73-2	5 - 10	OSHA (United States). TWA: 2 mg/m ³	Not available.
Amphoteric Surfactant	68298-20-4	1 - 5	Not available.	Not available.

Section 4. First Aid Measures

Eye Contact	Eye contact can result in corneal damage or blindness. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. SEEK IMMEDIATE MEDICAL ATTENTION.
Skin Contact	Wash gently and thoroughly the contaminated skin with running water and non abrasive soap for 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION.
Inhalation	Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion	Have conscious person drink egg whites, gelatin solution, or if these are not available drink large quantities of water. Seek immediate medical attention.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability	No specific information is available in our database regarding the flammability of this product in presence of various materials.
Fire Fighting Media and Instructions	N/A
Products of Combustion	Not available.
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	
Sensitivity to Mechanical Impact	N/A
Sensitivity to Static Discharge	N/A
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Face shield.Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Methods for Containment	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Environmental precautions	See Methods for Containment
Methods for Clean Up	See Methods for Containment

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

Keep out of reach of children.

Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work-station location. S24/25- Avoid contact with skin and eyes.

Section 8. Exposure Controls/Personal Protection

Engineering Controls**Personal Protection**

Good general ventilation should be sufficient to control airborne levels.

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/m³) from OSHA (PEL)

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Characteristic.
		Color	Amber.
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.

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

Toxicity to Animals Skin contact. Ingestion. Eye Contact

Acute Effects on Humans Acute oral toxicity (LD50): 140 mg/kg [Rat]. (Sodium Hydroxide).

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.

Biodegradation

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

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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

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 This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL) (Safe Harbor Level).

Pennsylvania RTK: Propylene Glycol

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium Hydroxide: immediate health hazard

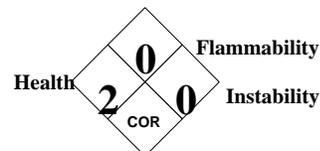
DSD (EEC) R22- Harmful if swallowed.
R35- Causes severe burns.

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.)



Specific Hazard

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



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

Expiry date 3 (Three Years) from the date of preparation indicated in Section 1

Validated by CRushton on 4/27/2009.

Verified by CRushton.

Printed 4/27/2009.

Information Contact **Amrep, Inc.**
990 Industrial Park Drive
Marietta, GA 30062

Notice to Reader:

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.

Validated on 4/27/2009.

Misty Oven and Grill Cleaner