

NFPA Rating* Health <u>2</u> Flammability <u>1</u> Reactivity <u>1</u> Special <u>0</u>	HMS Rating* Health <u>2</u> Flammability <u>1</u> Reactivity <u>1</u> Personal Protection <u>B</u>
Material Safety Data Sheet	
This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA FORM 174.	
MANUFACTURER'S NAME AMREP, INC.	
ADDRESS 990 Industrial Park Drive Marietta, Georgia 30062	
Phone Number (For Information) (404) 422-2071	
Emergency Phone Number (404) 422-2071	
DOT HAZARD CLASSIFICATION: ORM-D	
Identity (Trade Name As Used On Label) MISTY OVEN AND GRILL CLEANER	
MSDS Number* 110-6	
CHEM TREC: 1-800-424-9300	
Date Prepared 5/1/87	
Prepared By* LGZ/RD	
NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	APPROX. % (wt)*	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REFERENCE SOURCE**
Isobutane	75-28-5	5	1000	1000	d
Sodium hydroxide	1310-73-2	6	2mg/M ³	2mg/M ³	d
Ethylene glycol	107-21-1	4	50	50	e
Ethylene glycol monobutyl ether	111-76-2	2	50	25	d
Non-Hazardous Ingredients		83			
TOTAL		100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	NA	Specific Gravity (H ₂ O = 1) Concentrate Only =	1.080
Vapor Pressure PSIG @ 70°F (Aerosols)	Max. 60	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature)	NA
Vapor Density (Air = 1)	NE	Evaporation Rate (_____ = 1)	NE
Solubility in Water	Soluble	Water Reactive	No
Appearance and Odor: White foamy spray, caustic odor.			

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (AEROSOLS) NON-FLAMMABLE	Auto-ignition Temperature NE	Flammability Limits in Air % by Volume	LEL NE	UEL NE
Flash Point and Method Used (Non-Aerosols) NA				
Extinguisher Media Foam, dry chemical, carbon dioxide, water.				
Special Fire Fighting Procedures Self contained breathing apparatus				
Unusual Fire and Explosion Hazards Do not expose aerosols to temperatures above 130° F or the container may rupture.				

*Optional

** Chemical Listed
as Carcinogen or
Potential Carcinogen

① NTP

② IARC Monograph

③ OSHA

④ Not Listed

⑤ Animal

Data Only

SECTION 4 - REACTIVITY HAZARD DATA

110-6

STABILITY
☒ Stable
☐ Unstable

Conditions To Avoid
Open flame, welding arcs, heat

Incompatibility (Materials to Avoid) Strong acids and oxidizers.

Hazardous Decomposition Products CO, CO₂

HAZARDOUS POLYMERIZATION
☐ May occur
☒ Will Not Occur

Conditions To Avoid
None Known

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY
☒ Inhalation
☒ Skin Absorption
☐ Ingestion
☐ Eye
☐ Not Hazardous

ACUTE EFFECTS

Inhalation

Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

Eye Contact

Caustic: may cause burns.

Skin Contact

Caustic: may cause burns.

Ingestion

Possible chemical pneumonitis if aspirated into lungs. Caustic: may cause burns.

CHRONIC EFFECTS Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB. May cause burns, dermatitis, respiratory illness, nystagmus, and central nervous disorders.

Medical Conditions Generally Aggravated by Exposure May aggravate existing eye, skin, or upper respiratory conditions.

EMERGENCY FIRST AID PROCEDURES -

Eye Contact

Flush with water for 15 minutes. If irritated, see physician.

Skin Contact

Wash with soap and water. If irritated, see physician.

Inhalation

Remove to fresh air. Resuscitate if necessary. Get medical aid.

Ingestion

Give milk or plenty of water. DO NOT INDUCE VOMITING. CALL PHYSICIAN.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type) If vapor conc. exceeds TLV, use respirator approved by NIOSH in positive pressure mode.

Protective Gloves

Rubber gloves

Eye Protection

Safety glasses recommended

VENTILATION REQUIREMENTS

Adequate ventilation to keep vapor concentration below TLV.

Other Protective Clothing and Equipment None

Hygienic Work Practices

Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released

Absorb with suitable medium. Incinerate or landfill according to local, state,

or federal regulations. Dilute with water, absorb with cloth or neutralize with dilute acid & flush to sewer.

Waste Disposal Methods

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions to be Taken in Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions and / or Special Hazards

Avoid food contamination. KEEP OUT OF REACH OF CHILDREN. Do not use on aluminum.

Avoid breathing vapors.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied.
*** (Effects due to excessive exposure to the raw materials of this mixture)