

NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

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>8</u>
<h1 style="text-align: center;">Material Safety Data Sheet</h1>	
This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA FORM 174.	
STANDARDIZED SANITATION SYSTEMS, INC. 141 Middlesex Turnpike Burlington, MA 01803	
DOT HAZARD CLASSIFICATION: ORM-D	Identity (Trade Name As Used On Label) SSS Oven & Grill Cleaner
MSDS Number 110-6	Date Prepared 5/1/87
Phone Number (For Information) (617) 273-2020	Prepared By LGZ/RD
Emergency Phone Number (404) 422-2071	NOTE: Blank spaces are not permitted. If any item is not applicable, the 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)	CARCINOGENS 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 (H₂O = 1) Concentrate Only =	1.023
Vapor Pressure PSIG @ 70°F (Aerosols)	Max. 60	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature)	NA
Vapor Density (Air = 1)	NE	Evaporation Rate (_____ @ _____°F)	NE
Solubility in Water	Soluble	Water Reactive	0
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.				

SECTION 4 - REACTIVITY HAZARD DATA

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STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions To Avoid Open flame, welding arcs, heat
Incompatibility (Materials to Avoid) Strong acids and oxidizers.	
Hazardous Decomposition Products CO, CO ₂ .	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May occur <input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid None Known

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion	<input type="checkbox"/> Not Hazardous
	<input checked="" type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye	
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)