

MATERIAL SAFETY DATA SHEET

MILES INC.
CONSUMER HOUSEHOLD PRODUCTS DIVISION
7123 WEST 65 STREET
CHICAGO, IL 60638

Emergency Phone Number (Spill or Release): (219) 264-8400 (24 hours)
National Poison Control Network (Medical Emergency): (412) 681-6669

HMIS Code	
HEALTH	3
FIRE	0
REACTIVITY	2
PERS. PROT.	0

SECTION 1: IDENTITY

COMMON NAME: S.O.S. Oven Cleaning Pad Caustic Pouches
(USED ON LABEL - TRADE NAME AND SYNONYMS)

PROPER SHIPPING NAME: Sodium Hydroxide Solution D.O.T IDENTIFICATION NO: UN-1824

D.O.T. HAZARD CLASS: Corrosive Material

CHEMICAL FAMILY: Caustic Solution (Oven Cleaner) CHEMICAL NAME: Mixture

FORMULA: Mixture CAS NO.: None

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: (CHEMICAL AND COMMON NAMES)	HAZARD:	TLV (UNITS):
Sodium Hydroxide (LYE) <10% CAS# 1310-73-2	Skin and Eye Corrosion	2mg/M ³ /8hr. (OSHA)
Dipropylene Glycol Methyl Ether (DPM) CAS# 3459-09-48	Skin and Eye Corrosion	600mg/M ³ /8hr. (OSHA)
Tetrahydrofurfuryl Alcohol (THFA R) CAS# 97-99-4	Eye irritation, inhalation	200 mg/M ³ /8hr. (RECOMMENDED)

SECTION 3: PHYSICAL AND CHEMICAL CHARACTERISTICS (FIRE AND EXPLOSION DATA)

BOILING POINT: 212°F	SPECIFIC GRAVITY: 1.08-1.10 (H ₂ O = 1)	VAPOR PRESSURE: Not Available (mm Hg)
PERCENT VOLATILE: 89.2% BY VOLUME (%)	VAPOR DENSITY: Not Available (AIR = 1)	EVAPORATION RATE: Not Available (= 1)
SOLUBILITY IN WATER: Solution is completely miscible.	REACTIVITY IN WATER/AIR: None	
APPEARANCE AND ODOR: White viscous liquid in a polyethylene pouch; slight sharp odor.	AUTO IGNITION TEMPERATURE: Not Available	
FLASH POINT: None	EXTINGUISHER MEDIA: None	
FLAMMABLE LIMITS: IN AIR % BY VOLUME LOWER = None UPPER = None	UNUSUAL FIRE AND EXPLOSION HAZARDS: None	
SPECIAL FIRE FIGHTING PROCEDURES: None		

SECTION 4: PHYSICAL HAZARDS

STABILITY: UNSTABLE STABLE <u>X</u>	CONDITIONS TO AVOID:
INCOMPATIBILITY: (MATERIALS TO AVOID)	
HAZARDOUS DECOMPOSITION PRODUCTS: None	
HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR <u>X</u>	CONDITIONS TO AVOID:

SECTION 5: HEALTH HAZARDS

SHA PERMISSIBLE EXPOSURE LIMIT: None

ACGIH THRESHOLD LIMIT VALUE: None

TWA EXPOSURE LIMIT USED: None

SIGNS AND SYMPTOMS OF EXPOSURE:

. ACUTE OVEREXPOSURE:

Contains sodium hydroxide (LYE), may cause burns of skin, eyes, and mucous membranes. Harmful if swallowed.

. CHRONIC OVEREXPOSURE:

None.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known.

PRIMARY ROUTE(S) OF EXPOSURE: Dermal

EMERGENCY AND FIRST AID PROCEDURE:

IF IN EYES: Rinse with water. Remove contact lenses, if any. Flush eyes with water for 15 minutes and get proper medical attention.

IF SWALLOWED: Rinse mouth with water immediately. Drink large quantities of water or milk. Do NOT drink vinegar, citrus juices, or other acidic fluids. DO NOT INDUCE VOMITING. Get prompt medical attention. (Physician or Medical Department.)

IF ON SKIN: Flood with water and wash thoroughly with soap and water. Remove contaminated clothing or jewelry. Continue to flush skin for 10 to 15 minutes with water.

HYGIENIC PRACTICES:

Wear rubber or latex gloves and safety glasses. Avoid contact with skin, eyes, mucous membranes, or clothing.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: None

SECTION 6: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None

VENTILATION: Use in area with adequate ventilation.

WORK PRACTICES: After use, wash skin where material may have been in contact.

EYE PROTECTION: Safety Glasses, Face Shield PROTECTIVE GLOVES: Rubber or latex gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

**SECTION 7: SPECIAL PRECAUTIONS AND
SPILL / LEAK PROCEDURES**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

See sections four (4) and five (5).

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

INDIVIDUAL POUCH LEAKAGE: Neutralize with vinegar or dilute acid.

MAJOR (CASE OR PALLET) SPILLS: Treat as a strong base. Neutralize with dilute acid and copious amounts of water.

WASTE DISPOSAL METHODS:

Dispose of in accordance with local, state, and federal regulations.

Solution should be neutralized with dilute acid and large amounts of water.

WHEN NEUTRALIZING: Avoid concentrated acids so that excess heat is not generated.

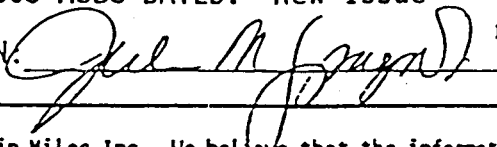
COMMON NAME: S.O.S OVEN CLEANING PAD CAUSTIC POUCH

SECTION 8: ADDITIONAL INFORMATION

PRODUCT INFORMATION: (708) 458-6100 (Non-Emergency)
(8:00 a.m. - 4:00 p.m. Central Standard Time - Monday through Friday)

DATE PREPARED: 9/10/90 SUPERCEDES PREVIOUS MSDS DATED: New Issue

SIGNATURE OF PERSON RESPONSIBLE FOR PREPARATION:



The opinions expressed herein are those of qualified experts within Miles Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Miles Inc., it is the user's obligation to determine the conditions of safe use of the product.