

MATERIAL SAFETY DATA SHEET
Essentially similar to OSHA Form #174

IDENTITY: OVEN CLEANER JR306

SECTION 1

MANUFACTURER'S NAME: Sysco Chemical
STREET ADDRESS: 1390 Enclave Parkway

EMERGENCY PHONE NO.:
(713) 584-1790

CITY, STATE, ZIP: Houston, TX 77077

DATE PREPARED: 8-30-88

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENTS	* %	* PEL * * PPM *	* TLV * * PPM *	* TLV * * MG/M3 *	* CAS Number
Ethylene Glycol	* 5	* n/e	* 50	* 10.00	* 00107-21
Potassium Hydroxide	* 15.600	* n/e	* n/e	* 2.00	* 01310-58-3
Aqua Ammonia Deg	* .100	* 50	* 25	* n/e	* 01336-21-6
A Propane	* 5	* 1000	* 1000	* 1800	* 00074-98-6
A Isobutane	* 10	* 1000	* 1000	* 1800	* 00075-28-5
N-Butane	* 10	* 800	* 1000	* 1900	* 00106-97-8
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*
	*	*	*	*	*

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Propellant below 0.0 F

SPECIFIC GRAVITY: NA

VAPOR PRESSURE (mm Hg.): NA

MELTING POINT: NA

VAPOR DENSITY (AIR = 1):
Heavier than air

EVAPORATION RATE:
Faster than Ether

SOLUBILITY IN WATER: NA

APPEARANCE AND ODOR: NA

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): Propellant below 20 F

FLAMMABLE LIMITS:

LEL:

UEL:

EXTINGUISHING MEDIA: carbon dioxide, dry chemical or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective. Water may be used to keep fire exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not spray near open flame. Keep at room temperature as exposure to direct sunlight or other heat may

SECTION 5 - REACTIVITY DATA

STABILITY: Stable: X Unstable:

CONDITIONS TO AVOID: Do not store above 120 F.

INCOMPATIBILITY (materials to avoid): None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: By open flame: carbon monoxide,
carbon dioxide

HAZARDOUS POLYMERIZATION: May Occur: Will Not Occur: X

CONDITIONS TO AVOID: None

SECTION 6 - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? yes SKIN? yes INGESTION? yes

HEALTH HAZARDS (acute & chronic): In a confined area vapors in high concentration are anesthetic. Irritant to skin and upper respiratory system. Over-exposure may result in light-headedness, staggering gait, giddiness and possible nausea. Harmful or fatal if swallowed. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Also kidney and liver damage. Acute: Potassium hydroxide in this product can be corrosive to all body tissues with which it comes in contact. Chronic: The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis. Similarly, inhalation of dust, spray, or mist may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness.

CARCINOGENICITY: NTP? NA
 IARC MONOGRAPHS? NA
 OSHA REGULATED? NA

SIGNS & SYMPTOMS OF EXPOSURE: Aqua Ammonia in this product contains vapors and mists that are extremely corrosive to the nose, throat, and mucous membranes. Bronchitis, pulmonary edema, and chemical pneumonitis may occur. Irritation, coughing, chest pain, and difficulty in breathing may occur with brief exposure while prolonged exposure may result in more severe irritation and tissue damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: See Signs and Symptoms.

EMERGENCY AND FIRST AID PROCEDURES: Breathing: Remove patient to fresh air. Eyes: Flush with water for at least 15 minutes. Skin: Wash with soap and water. Swallowing: Call physician immediately. Do not induce vomiting.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate, avoid breathing vapors and remove with inert absorbent.

WASTE DISPOSAL METHOD: Do not incinerate. Dispose in accordance with federal/state/local regulations regarding pollution.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Do not store above 120 F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

OTHER PRECAUTIONS: Keep away from children. Do not puncture or incinerate. Do not spray near fire or open flame.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION (specify type): Avoid breathing of vapor or spray mist.

VENTILATION:

LOCAL EXHAUST: X

MECHANICAL:

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Recommended for prolonged or repeated contact.

EYE PROTECTION: For prolonged use in close quarters recommend safety glasses with unperforated sideshields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: n/a

WORK/HYGIENIC PRACTICES:

SECTION 9 - SPECIAL PRECAUTIONS

The above information is believed to be correct with respect to the ingredients contained herein falling within the definition of hazardous chemicals in accordance with the Occupational Safety and Health Administration's Hazard Standard Communications Act. Data, standards and regulations change, and since conditions of use and handling are beyond our control, no warranty, express or implied, is made as to the completeness or upcoming accuracy of this information.

Pursuant to Proposition 65: Certain raw materials used in making this product may contain small amounts of materials as impurities which are regulated by Proposition 65, in the state of California.