



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **DEGREASER** PACK **6/32 oz.**

PRODUCT CODE **6223440**

ISSUE DATE **07-19-01**

EMERGENCY TELEPHONE NUMBERS

Medical Information: (800) 228-5635 x 161

Transportation: (800) 424-9300 *

*For spill, leak, fire or transport accident emergencies.

Product Information: (281) 584-1790

MANUFACTURER **Sysco Chemical**
STREET ADDRESS **1390 Enclave Parkway**
CITY, STATE, ZIP **Houston, Texas 77077**

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT

EXPOSURE LIMITS

*-(see note below)

CAS No. % by wt. OSHA PEL ACGIH TLV NIOSH REL

HAZARDOUS COMPONENT	CAS No.	% by wt.	OSHA PEL	ACGIH TLV	NIOSH REL
Nonylphenol ethoxylate	9016-45-9	0.2	None	None	None
Quaternary ammonium chloride	68478-94-0	0.23	None	None	None
*Propylene glycol methyl ether	107-98-2	0.5	100 ppm TWA 150 ppm STEL	100 ppm TWA 150 ppm STEL	100 ppm TWA 150 ppm STEL

*-Asterisked ingredients are those considered hazardous according to the criteria of 29CFR 1910. 1200. Other ingredients are listed for information purposes to assist emergency medical response personnel.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Causes eye irritation.
Can cause skin irritation.
Harmful if swallowed.

POTENTIAL HEALTH EFFECTS

INGESTION	Can cause irritation, nausea, stomach distress, or vomiting.
INHALATION	No hazard in normal use.
EYE CONTACT	Causes eye irritation and possible chemical burns.
SKIN CONTACT	Prolonged or repeated contact may cause skin irritation.

SECTION 4 – FIRST AID MEASURES

INGESTION	If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
INHALATION	No specific treatment is indicated, since this material is not likely to be hazardous by inhalation.
EYE CONTACT	Immediately flush eyes with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes. Get medical attention immediately.
SKIN CONTACT	Wash with soap and water. If irritation develops or persists, get medical attention.
NOTE TO PHYSICIAN	Treatment based on judgement of the physician in response to reactions of the patient.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT/METHOD	None / N/A	FLAMMABLE LIMITS	Not flammable or combustible.
EXTINGUISHING MEDIA	If involved in a fire, alcohol foam, carbon dioxide or dry chemical. Water may cause frothing.		
SPECIAL FIRE FIGHTING PROCEDURES	None		
FIRE AND EXPLOSION HAZARDS	None		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Flush to sanitary sewer. Mop up residue and rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up on inert absorbent.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool dry place. Keep from freezing.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene. Remove and wash contaminated clothing before reuse.
ENGINEERING CONTROLS	No special ventilation requirements. Facilities using this product should be equipped with an eyewash station.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR	Not necessary
GOGGLES/FACE SHIELD	Required; goggles should be chemical splash type.
APRON	Not necessary under normal use conditions.
GLOVES	Required; PVC, Neoprene or Nitrile acceptable
BOOTS	Recommended to protect shoes and feet when using this product for floor cleaning.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear light green liquid	BOILING POINT	212° F
ODOR	Citrus	FREEZING POINT	Not established
pH	11.4 (100% concentrate)	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	1.002	VAPOR DENSITY	Not established
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not determined

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	<input checked="" type="checkbox"/>		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Avoid contact with strong oxidizing agents. Contact with strong acids produces exothermic reaction.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	None					
POLYMERIZATION		WILL NOT OCCUR	<input checked="" type="checkbox"/>		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

OTHER EFFECTS

ACUTE	Not determined.
CHRONIC	Not determined.

SECTION 12 – ECOLOGICAL INFORMATION

BIODEGRADABILITY	CONSIDERED BIODEGRADABLE	<input checked="" type="checkbox"/>	NOT BIODEGRADABLE	<input type="checkbox"/>
BOD/COD VALUE	Not established.			
ECOTOXICITY	No data available.			

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Small amounts of unused product may be flushed safely to the sanitary sewer with plenty of water. Contact local water board before flushing large amounts. If solidified, large amounts may be disposed of in a sanitary landfill. Contact state or local authorities for additional restrictions.						
RCRA CLASSIFICATION	Non-hazardous						
RECYCLE CONTAINER	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	CODE	1 - PETE	<input type="checkbox"/>	NO

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION	<input type="checkbox"/>	HAZARDOUS	<input type="checkbox"/>	<input type="checkbox"/>	NOT HAZARDOUS	<input checked="" type="checkbox"/>
DESCRIPTION	Not applicable					
SYSCO HM CODE	None					

SECTION 15 – REGULATORY INFORMATION

REGULATORY STATUS

<input type="checkbox"/>	EPA REGISTERED (UNDER FIFRA)	
<input type="checkbox"/>	FDA REGULATED	
<input checked="" type="checkbox"/>	KOSHER	
<input type="checkbox"/>	SARA TITLE III MATERIAL	
<input type="checkbox"/>	USDA AUTHORIZED	
<input type="checkbox"/>	CANADA WHMIS	

SECTION 16 – OTHER INFORMATION

NFPA CLASSIFICATION

1	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Sysco in connection with the use of this information.