



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Green Detergent	PACK	4 / 1.25 gal.
PRODUCT CODE	5551692		

ISSUE DATE	6-9-05
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EMERGENCY TELEPHONE NUMBERS

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

Medical Information: (800) 285-6008
Transportation: (800) 424-9300 *
* For spill, leak, fire or transport accident emergencies.
Product Information: (281) 584-1790

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	EXPOSURE LIMITS				
	CAS No.	% by wt.	OSHA PEL	ACGIH TLV	NIOSH REL
* -- (see note below) Sodium dodecylbenzene sulfonate	25155-30-0	9.5	None	None	None
Sodium lauryl ether sulfate	9004-82-4	3.6	None	None	None
Cocamide DEA	68603-42-9	3.0	None	None	None

* -- Asterisk ingredients are those considered hazardous according to the criteria of 29CFR 1910.1200. Other ingredients are listed for informational purposes to assist emergency medical response personnel.

SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	May be harmful if swallowed. May cause eye and skin irritation.
POTENTIAL HEALTH EFFECTS	
INGESTION	May cause upset stomach, nausea or vomiting.
INHALATION	No hazard in normal use.
EYE CONTACT	Irritating, but will not permanently injure eye tissue.
SKIN CONTACT	Prolonged contact can result in defatting and drying of the skin, which may result in skin irritation or dermatitis (rash).

SECTION 4 -- FIRST AID MEASURES

INGESTION	DO NOT induce vomiting. Give one or two glasses of water to drink and get immediate medical attention.
INHALATION	No specific treatment is indicated, since this material is not likely to be hazardous by inhalation.
EYE CONTACT	Immediately flush eye with cool running water for 15 minutes. If irritation persists, get medical attention.
SKIN CONTACT	Flush with plenty of 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	FLAMMABLE LIMITS	Not flammable or Combustible.
EXTINGUISHING MEDIA	If involved in a fire use 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	Keep containers in upright position.
STORAGE PRECAUTIONS	Store in a cool dry place. Keep from freezing. Keep out of reach of children.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene.
ENGINEERING CONTROLS	No special ventilation requirements. Eye-wash station is not required.

PERSONAL PROTECTIVE EQUIPMENT

	RESPIRATOR	Not necessary.
X	GOGGLES / FACE SHIELD	Optional; not required, but always good practice.
X	APRON	Recommended to keep clothing dry during use.
X	GLOVES	Recommended; PVC, Neoprene or Nitrile acceptable.
	BOOTS	Not necessary.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear green liquid.	BOILING POINT	Not established.
ODOR	Floral	FREEZING POINT	Not established.
pH	7.5 (100% concentrate)	VAPOR PRESSURE	Not established.
SPECIFIC GRAVITY	1.025	VAPOR DENSITY	Not established.
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	Not established.

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	None known.					
INCOMPATIBILITY	No known issues.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Combustion may produce CO and CO ₂ .					
POLYMERIZATION		WILL NOT OCCUR	x		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	None known.
CHRONIC	None known.

SECTION 12 -- ECOLOGICAL INFORMATION

BIODEGRADABILITY		CONSIDERED BIODEGRADABLE	x		NOT BIODEGRADABLE	
BOD / COD VALUE	Not established.					
ECOTOXICITY	No data available.					

SECTION 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD	Small amounts of unused product may be flushed 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		YES	x		CODE 2 - HDPE	NO

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	x
DESCRIPTION	Not applicable.					
SYSCO HM CODE	None.					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	Not applicable.
	FDA REGULATED	Not applicable.
x	KOSHER	Approved.
x	SARA TITLE III MATERIAL	Sodium DDBSA (Section 304).
	NSF REGISTERED	Not submitted.
x	EPA DfE RECOGNIZED	December, 2004.

SECTION 16 -- OTHER INFORMATION

NFPA 704 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.