



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Cleanser	PACK	24 / 21 oz.
PRODUCT CODE	4212809		

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE	11-10-01
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Medical Information: (800) 228-5635 x161

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
* Calcium carbonate	1317-65-3	> 80	5 mg/m3 TWA respirable dust	10 mg/m3 TWA	5 mg/m3 TWA respirable dust
Sodium carbonate	497-19-8	< 15	None	None	None
Sodium dodecylbenzene sulfonate	25155-30-0	< 5	None	None	None
Sodium dichloro-s-triazine trione dihydrate (56% av. Cl ₂)	51580-86-0	0.8	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	Causes eye irritation. Harmful if swallowed. Harmful if absorbed through skin.
POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause gastrointestinal tract irritation.
INHALATION	Chronic or excessive inhalation of dust may cause respiratory tract irritation and/or toxic effects.
EYE CONTACT	Causes substantial but temporary eye injury.
SKIN CONTACT	Prolonged or repeated contact can 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	If exposed to excessive levels of dust, remove to fresh air and get medical attention if cough or other symptoms develop.
EYE CONTACT	Immediately flush eye 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	Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5 -- FIRE FIGHTING MEASURES

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

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Sweep up and place in a disposal container. Mop up or flush residue to drain with water.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Do not reuse empty container.
STORAGE PRECAUTIONS	Store in a cool dry place. Keep container off wet floors. Do not allow water to get into container.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene. Avoid breathing product dusts.
ENGINEERING CONTROLS	No special ventilation requirements. Eyewash station is recommended.

PERSONAL PROTECTIVE EQUIPMENT

X	RESPIRATOR	Required where use of product generates enough dust to be harmful
X	GOGGLES / FACE SHIELD	Recommended; goggles should be chemical splash type
	APRON	Not necessary
X	GLOVES	Recommended; PVC, Neoprene or Nitrile acceptable
	BOOTS	Not necessary

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Light green powder	BOILING POINT	Not applicable
ODOR	Slight chlorine	FREEZING POINT	Not applicable
pH	9.1 (1% solution)	VAPOR PRESSURE	Not applicable
SPECIFIC GRAVITY	N.A.	VAPOR DENSITY	Not applicable
SOLUBILITY IN WATER	Partial (less than 20%)	EVAPORATION RATE	Not applicable

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Do not mix with ammonia or other household chemicals. Do not mix with anything but water.					
INCOMPATIBILITY	Contact with mineral acids may produce exothermic reaction with release of slight amounts of chlorine and carbon dioxide gases.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	None					
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	Not determined
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 or disposed of in a sanitary landfill. Contact state or local authorities for additional restrictions. Empty containers may be offered for recycling or disposed of in a sanitary landfill.					
RCRA CLASSIFICATION	Non-hazardous					
RECYCLE CONTAINER		YES		CODE		NO X

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	Not applicable					
SYSCO HM CODE	None					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

X	EPA REGISTERED (UNDER FIFRA)	6466-12-29055
	FDA REGULATED	
X	KOSHER	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	
	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.