



# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	No Rinse - Food Contact Surface Sanitizer	PACK	12 / 32 oz.
PRODUCT CODE	5190533		

ISSUE DATE	11-12-01
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### EMERGENCY TELEPHONE NUMBERS

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
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.011	None	None	None
Alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6	0.011	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	Product is neutral in pH but irritating to skin and eyes. Causes moderate eye irritation, and may be corrosive to eyes and mucous membranes. Harmful if swallowed.
POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	Strongly irritating to tissues of mouth and gastrointestinal tract.
<b>INHALATION</b> .....	Vapors may be irritating to tissues of nose, throat and respiratory tract.
<b>EYE CONTACT</b> .....	Corrosive or strongly irritating. May cause chemical burns. For eye contact, flush with water at once.
<b>SKIN CONTACT</b> .....	Prolonged contact may cause skin irritation.

**SECTION 4 -- FIRST AID MEASURES**

INGESTION	If swallowed, DO NOT induce vomiting. Rinse mouth with water, then immediately drink a large glass of water, if able to swallow. Never give anything by mouth to an unconscious person. <b>Call a poison control center or doctor immediately for treatment advice.</b>
INHALATION	Remove to fresh air. Provide oxygen if breathing is difficult. Consult a physician if symptoms persist.
EYE CONTACT	Hold eye open and rinse slowly and gently with cool, running water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. <b>Get medical attention immediately.</b>
SKIN CONTACT	Immediately flush skin with plenty of cool, running water; then wash with soap and water. If irritation develops or persists, get medical attention. Remove and wash affected clothing before reuse.
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	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. Sweep up and dispose of as dry waste in a suitable landfill, or as permitted by local regulations.
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**SECTION 7 -- HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands after using and especially 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	Avoid contamination of food. Handle with care; avoid contact with skin and eyes. Avoid breathing mists or vapors of this product.
ENGINEERING CONTROLS	No special ventilation requirements. Eyewash station is recommended.

**PERSONAL PROTECTIVE EQUIPMENT**

	<b>RESPIRATOR</b>	Not necessary
X	<b>GOGGLES / FACE SHIELD</b>	Recommended; eye protection should be chemical splash type
X	<b>APRON</b>	Optional, but recommended to protect skin and clothing during use
X	<b>GLOVES</b>	Recommended; PVC, Neoprene or Nitrile acceptable
	<b>BOOTS</b>	Not necessary

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear, colorless liquid	BOILING POINT	~ 210 deg F
ODOR	Bland (mild quaternary)	FREEZING POINT	~ 30 deg F
pH	7.3 (100% concentrate)	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	1.000	VAPOR DENSITY	Not established
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	As for water

**SECTION 10 -- STABILITY AND REACTIVITY**

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Avoid contact with strong oxidizing agents, such as chlorine bleach. Avoid contact with anionic surfactants, such as dishwash liquids; they deactivate the germicide.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of nitrogen and carbon, if heated to dryness and ignited.					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	Not applicable					

**SECTION 11 -- TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	<b>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</b>

**OTHER EFFECTS**

<b>ACUTE</b>	Irritant effects on eyes, skin and mucous membranes, as described in Section 3.
<b>CHRONIC</b>	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 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		YES	X		CODE	1 - PETE		NO	

**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)	10324-107-29055
	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.