



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Real-A-Peel (aerosol)	PACK	6 / 18 oz.
PRODUCT CODE	4110292		

EMERGENCY TELEPHONE NUMBERS

ISSUE DATE	02-25-02
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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
* Isoparaffinic hydrocarbon	64742-47-8	< 10	1600 mg/m3 TWA	Not established; Exxon: 300 ppm	350 mg/m3 TWA
d-Limonene	5989-27-5	< 5	None	None	None
* Liquified petroleum gas (contains Butane & Propane)	68476-85-7	< 10	1000 ppm TWA	1000 ppm TWA	1000 ppm TWA
Sodium dodecylbenzene sulfonate	25155-30-0	< 5	None	None	None
* Triethanolamine	102-71-6	< 1	None	5 mg/m3 TWA	None
* Citrus fragrance	Trade secret	< 5	Not established	Not established	Not established

* -- Asterisked 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 and skin irritation. Harmful or fatal if swallowed. Harmful if inhalation exposure limits are exceeded.
POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause irritation, nausea, stomach distress, vomiting and diarrhea. If aspirated into lung, may cause pulmonary injury or chemical pneumonia.
INHALATION	Causes respiratory tract irritation, dizziness, and shortness of breath. High concentrations may result in headache, drowsiness, CNS depression.
EYE CONTACT	Causes severe eye irritation.
SKIN CONTACT	Prolonged or repeated contact may cause skin irritation or dermatitis.

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	Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get immediate medical attention.
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	Information regarding ingestion toxicity and treatment can be found in <u>Clinical Toxicology of Commercial Products</u> , authored by Gosselin, Smith and Hodge and published by Williams & Wilkins, Baltimore, Md. See listing for Kerosene in Therapeutics Index, Section III.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	176 deg. F. / TOC ; liquid concentrate (no propellant)	FLAMMABLE LIMITS	LEL: 0.7 % UEL: 12.0 %
EXTINGUISHING MEDIA	Use water fog, alcohol foam, dry chemical or carbon dioxide.		
SPECIAL FIRE FIGHTING PROCEDURES	Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including positive pressure self-contained breathing apparatus. Cool fire-exposed containers with water to prevent pressure build-up or explosion.		
FIRE AND EXPLOSION HAZARDS	Vapors from this product may travel or be moved by air currents and ignited at locations distant from handling point. Vapors may also develop a flammable atmosphere in confined areas.		

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. Remove all ignition sources before beginning cleanup; use personal protective equipment.
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SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Do not smoke while spraying. Do not set can on hot surface. Use only as directed; intentional misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.
STORAGE PRECAUTIONS	Store upright in a cool dry place. Do not store in direct sunlight, near open flames or at temperatures exceeding 120 deg. F. Exposure to heat or prolonged exposure to sun may cause bursting.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Do not inhale vapors. Avoid eye contact. Remove and launder contaminated clothing before re-use.
ENGINEERING CONTROLS	Good general ventilation should be sufficient to control airborne levels. Eyewash station is recommended.

PERSONAL PROTECTIVE EQUIPMENT

X	RESPIRATOR	Recommended for prolonged use in confined areas with poor ventilation
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	White aerosol foam	BOILING POINT	180 deg. F.
ODOR	Citrus	FREEZING POINT	Not established
pH	10.0 (100% concentrate)	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	0.980	VAPOR DENSITY	Heavier than air
SOLUBILITY IN WATER	Not established	EVAPORATION RATE	Slower than ether

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Open flames or electrical arcs.					
INCOMPATIBILITY	Avoid contact with strong mineral acids, strong alkalis, chlorinated solvents and strong oxidizing agents (including bleach).					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Carbon monoxide and traces of phosgene gas may be formed during combustion.					
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	Not determined

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	Product that cannot be used according to the label must be disposed of as a hazardous waste at an approved hazardous waste management facility. Do not puncture or incinerate cans. Discard empty cans in trash pickup; do not place in home-type garbage compactor.								
RCRA CLASSIFICATION	Hazardous, ignitable D001								
RECYCLE CONTAINER		YES	X		CODE	Steel can		NO	

SECTION 14 -- TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS	X		NOT HAZARDOUS	
DESCRIPTION	CONSUMER COMMODITY, ORM-D					
SYSCO HM CODE	None					

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
	KOSHER	
	SARA TITLE III MATERIAL	
	USDA AUTHORIZED	
X	CANADA WHMIS	Controlled Product, Class A - Compressed Gas

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

2	BLUE	HEALTH HAZARD
4	RED	FLAMMABILITY
1	YELLOW	REACTIVITY
--	WHITE	SPECIAL HAZARD

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