



MATERIAL SAFETY DATA SHEET

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Liquid Satin Shine	PACK	6 / 32 oz.
PRODUCT CODE	6075725		

ISSUE DATE	02-10-01
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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
Soya/coco quaternary amidoamine	68604-75-1	11.25	None	None	None
Mineral oil, refined	8042-47-5	5.00	None	None	None
Ethoxylated alkyl amine	68478-95-5	1.50	None	None	None
* Dipropylene glycol methyl ether	34590-94-8	5.00	100 ppm TWA 150 ppm STEL	100 ppm TWA 150 ppm STEL	100 ppm TWA 150 ppm STEL
Propylene glycol propyl ether	1569-01-3	7.00	None	None	None

* -- 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 if swallowed. Harmful if inhalation exposure limits are exceeded.
POTENTIAL HEALTH EFFECTS	
INGESTION	Can cause irritation, nausea, stomach distress, vomiting and diarrhea. Ingestion of large amounts may be corrosive to gastrointestinal tract.
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	Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	Not established	FLAMMABLE LIMITS	Combustible liquid
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.		
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. Use only as directed.
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.

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	Clear yellow liquid	BOILING RANGE	Not established
ODOR	Lemon / solvent	FREEZING POINT	Not established
pH	7.1 (100% concentrate)	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	0.995	VAPOR DENSITY	Not determined
SOLUBILITY IN WATER	Not established	EVAPORATION RATE	Not determined

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	Oxides of carbon and nitrogen 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	Prolonged contact above exposure limits may result in kidney and liver damage.

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. Empty containers may be triple rinsed, then offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.					
RCRA CLASSIFICATION	Hazardous, ignitable D001					
RECYCLE CONTAINER		YES	X		CODE 2 - HDPE	NO

SECTION 14 -- TRANSPORT INFORMATION

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

SECTION 15 -- REGULATORY INFORMATION

REGULATORY STATUS

	EPA REGISTERED (UNDER FIFRA)	
	FDA REGULATED	
X	KOSHER	
X	SARA TITLE III MATERIAL	Prop. glycol propyl ether & Diprop. glycol methyl ether (Section 313)
	USDA AUTHORIZED	
X	CANADA WHMIS	Controlled Product, Class B - 3: Combustible Liquid

SECTION 16 -- OTHER INFORMATION

NFPA CLASSIFICATION

2	BLUE	HEALTH HAZARD
2	RED	FLAMMABILITY
1	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.