

**HILLSBORO ELEMENTARY SCHOOLS**713 S.E. 5th Ave.  
HILLSBORO, OR 97123**MATERIAL SAFETY DATA SHEET** CM 0161**IDENTITY: SATIN SHINE - JR 315****SECTION 1****MANUFACTURER'S NAME:** Sysco Chemical  
**STREET ADDRESS:** 1390 Enclave Parkway  
**CITY, STATE, ZIP CODE:** Houston, TX 77077**EMERGENCY PHONE NO.:**  
(713) 584-1790  
**DATE PREPARED:** 7-15-88**SECTION 2 — HAZARDOUS INGREDIENTS**

INGREDIENTS	%	PEL PPM	TLV PPM	TLV MG/M3	CAS Number
Aqua Ammonia	0.80	50	25		1336-21-6
Isobutane Propellant	5	1000	1000		75-28-5
Propane	5	1000	1000		74-98-6

**SECTION 3 — PHYSICAL/CHEMICAL CHARACTERISTICS****BOILING POINT:** Propellant below 0.0 F  
**VAPOR PRESSURE (mm Hg.):** NA  
**VAPOR DENSITY (AIR = 1):** Heavier than air  
**SOLUBILITY IN WATER:** Complete  
**APPEARANCE AND ODOR:** White foam appearance, lemon fragrance**SPECIFIC GRAVITY:** 0.945  
**MELTING POINT:** NA  
**EVAPORATION RATE:** Propellants faster than ether**SECTION 4 — FIRE AND EXPLOSION HAZARD DATA****FLASH POINT (Method Used):** (T.O.C.) Propellant < 20 F  
**FLAMMABLE LIMITS:** NA LEL: NA UEL: NA  
**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical or foam  
**SPECIAL FIRE FIGHTING PROCEDURES:** Water may be ineffective. Water may be used to keep fire exposed containers cool.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not spray near open flame. Keep at room temperature as exposure to direct sunlight or other heat may cause bursting.**SECTION 5 — REACTIVITY DATA****STABILITY:** Stable: X Unstable:  
**CONDITIONS TO AVOID:** Do not store above 120 F.  
**INCOMPATIBILITY (materials to avoid):** NA  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** By open flame - carbon monoxide, carbon dioxide  
**HAZARDOUS POLYMERIZATION:** May Occur: Will Not Occur: X  
**CONDITIONS TO AVOID:** NA**SECTION 6 — HEALTH HAZARD DATA****ROUTE(S) OF ENTRY:** INHALATION? yes SKIN? yes INGESTION? yes  
**HEALTH HAZARDS (acute & chronic):** In a confined area, vapors in high concentration, are anesthetic. Irritant to skin and upper respiratory system. Over-exposure may result in light-headedness, staggering gait, giddiness and possible nausea. Harmful or fatal if swallowed. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage, also kidney and liver damage.  
**CARCINOGENICITY:** NTP? NA  
IARC MONOGRAPHS? NA  
OSHA REGULATED? NA

IDENTITY:

SATIN SHINE - JR 315

SIGNS & SYMPTOMS OF EXPOSURE: Slight dizziness due to propellant (Isobutane)

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Aqua ammonia in this product contains vapors and mists that are extremely corrosive to the nose, throat, and mucous membranes. Bronchitis, pulmonary edema, and chemical pneumonitis may occur. Irritation, coughing, chest pain, and difficulty in breathing may occur with brief exposure while prolonged exposure may result in more severe irritation and tissue damage.

EMERGENCY AND FIRST AID PROCEDURES: Breathing - Remove patient to fresh air. Eyes - Flush with water for at least 15 minutes. Skin - Wash with soap and water. Swallowing - Call physician immediately. DO NOT induce vomiting.

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### SECTION 7 — PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, ventilate, avoid breathing vapors and remove with inert absorbent.

WASTE DISPOSAL METHOD: As prescribed by local, state, and federal regulations concerning chemical waste disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store between 35 and 120°F to avoid rupture of container.

OTHER PRECAUTIONS: Keep out of reach of children.

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### SECTION 8 — CONTROL MEASURES

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RESPIRATORY PROTECTION (specify type): Avoid breathing of vapor or spray mist.

VENTILATION:

LOCAL EXHAUST: yes

MECHANICAL: NA

SPECIAL: NA

OTHER: NA

PROTECTIVE GLOVES: Neoprene

EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC PRACTICES: None

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### SECTION 9 — SPECIAL PRECAUTIONS

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The above information is believed to be correct with respect to the ingredients contained herein falling within the definition of hazardous chemicals in accordance with the Occupational Safety and Health Administration's Hazard Standard Communications Act. Data, standards and regulations change, and since conditions of use and handling are beyond control, no warranty, express or implied, is made as to the completeness upcoming accuracy of this information.

Pursuant to Proposition 65: Certain raw materials used in making this product may contain small amounts of materials as impurities which are regulated by Proposition 65, in the state of California.