



Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements

U.S. Department of Labor  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**IDENTITY** (As used on Label and List)

**SUPER LUBE SYNTHETIC PENETRANT- Aerosol  
 SYNCOPEN - PART # 85011**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**SECTION I - MANUFACTURER IDENTIFICATION**

Manufacturer's Name: SYNCO CHEMICAL CORPORATION  
 Address: 24 DaVINCI DRIVE  
 BOHEMIA, NY 11716-0405

Emergency Telephone Number: 800-424-9300  
 Telephone Number for Information: 631-567-5300  
 Date Prepared: January 2, 2008  
 Signature of Preparer (optional)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENTS	CAS #	OSHA PEL	WGT.%
HYDROCARBON SOLVENT	64742-47-8	-	65 - 80%
SYNTHETIC HYDROCARBON	163149-28-8	-	15 -25 %
SOYA LECITHIN	9002-43-5	-	5 – 15 %
CARBON DIOXIDE	124-38-9	10000 PPM	3 %

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT	NOT APPLICABLE/AEROSOL
SPECIFIC GRAVITY: (25C)	0.85
VAPOR DENSITY	Heavier than Air
VAPOR PRESSURE (mmHg.)	<10 @ 70°F
EVAPORATION RATE	Slower than Ether
SOLUBILITY IN WATER	Nil
APPEARANCE AND COLOR	Aerosol Product
NFPA RATING	Level 3

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT 110-114°F METHOD USED: TCC



**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** N/D    **UPPER:** N/D

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES:** Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

## **SECTION V - REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Application to hot surfaces. Storage above 120°F. Exposure to open flame.

**INCOMPATIBILITY (Materials to avoid):** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## **SECTION VI - HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Respiratory irritation, Headache, Nausea, Fatigue, Drowsiness, Impaired Coordination.

### **SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**SKIN:** Contact may dry the skin; Prolonged contact may cause moderate irritation

**EYES:** Liquid or vapor can cause moderate to severe irritation

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Not easily absorbed. Solvent action can dry and defat the skin to crack, leading to dermatitis.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Not a likely route of exposure. If swallowed, do not induce vomiting. Seek medical advice and/or attention.

### **HEALTH HAZARDS (ACUTE AND CHRONIC)**

**ACUTE:** Eye irritant. Possible skin irritant

**CHRONIC:** None Known

### **CARCINOGENICITY:**

**NTP?** NO

**IARC MONOGRAPHS?** NO

**OSHA REGULATED?** NO



**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None Known

**EMERGENCY AND FIRST AID PROCEDURES**

**INHALATION:** Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

**SKIN:** Wipe off towel. Wash with soap and water. Get medical attention if irritation persists

**EYES:** Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** AVOID BREATHING VAPORS. Ventilate areas. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with Local, State and Federal Regulations. Before attempting clean up, refer to other sections of the MSDS for hazard caution information.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in cool, dry, well-ventilated areas. Do not store above 120°F. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

**OTHER PRECAUTIONS**

Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

**SECTION VIII – CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

**VENTILATION:** Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

**PROTECTIVE GLOVES:** None under normal use. Solvent resist required for prolonged or repeated contact.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None under normal use; However, use of safety glasses with splash guards or full face shield is recommended.

**WORK/HYGENIC PRACTICES:** Eye wash and safety showers in the work place are recommended.

**SECTION IX - DISCLAIMER**

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

**HMIS CODES:**

*FIRE: 3                   HEALTH: 2*  
*REACTANCE: 0       OTHER: 0*

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