



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- BULK  
 SYNCOPEN - PART # 85010, 85016, 85032, 85050,  
 85055**

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 4, 2010  
 Signature of Preparer (optional)

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

ALL INGREDIENTS ARE TSCA LISTED

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	WGT.%
HYDROCARBON SOLVENT	64742-47-8		65 – 80 %
SYNTHETIC HYDROCARBON	163149-28-8		15 – 25 %
NASUL 1082	N/A		3 – 7 %

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point:	330-390 °F	Specific Gravity (H <sub>2</sub> O = 1):	0.85
Vapor Pressure (mm Hg):	<10 @ 70 °F	Melting Point	N/A
Vapor Density (AIR = 1)	4.8	Evaporation Rate (Butyl Acetate = 1)	<0.1
Solubility in Water:	NEGLIGIBLE		
Appearance and Odor:	YELLOW, SLIGHT ODOR		

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

Flash Point (method used): 110-114 °F (TCC)                      Flammable limits:                      LEL: 1                      UEL: 6  
 Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL OR CARBON MONOXIDE  
 Special Fire Fighting Procedures: DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR INCLUDING NIOSH AIR PACK. DO NOT USE A DIRECT SPRAY STREAM ON POOL FIRES PRODUCT FLOATS CAN BE REIGNITED.  
 Unusual Fire and Explosion Hazards: CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.



**SECTION V - REACTIVITY DATA**

Stability: Unstable: Conditions to avoid  
Stable: Conditions to avoid: NONE KNOWN

Incompatibility (Materials to avoid): MAY REACT WITH STRONG OXIDIZING AGENTS  
Hazardous Decomposition of Byproducts: BURNING MAY PRODUCE CARBON MONOXIDE

Hazardous Polymerization: May Occur: Conditions to Avoid  
Will Not Occur: Conditions to Avoid: NONE KNOWN

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic): No evidence of adverse effect from available information on swallowing.  
SKIN ABSORPTION AND INHALATION: May cause slight irritation in contact with skin and eyes.

Carcinogenicity: NTP? NOT LISTED IARC Monographs? NOT LISTED OSHA Regulated? NOT LISTED

Signs and symptoms of Exposure: CONTACT WITH EYE MAY RESULT IN SLIGHT IRRITATION.  
PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MILD IRRITATION.

Medical Conditions Generally Aggravated by Exposure: N/E

Emergency and First Aid Procedures: SKIN: REMOVE BY WIPING AND WASH WITH SOAP AND WATER.  
EYES: WASH WITH COPIOUS AMOUNTS OF WATER.

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

Steps to be taken in Case Material is Released and Spilled: SPILLS SHOULD BE ABSORBED OR SCRAPED UP.

Waste disposal Method: USE METHOD OUTLINED IN LOCAL EPA AND GOVERNMENTAL REGULATIONS.  
CONTACT YOUR LOCAL OFFICE.

Precautions to Be Taken in Handling and Storing: GOOD MANUFACTURING PRACTICES SHOULD BE FOLLOWED  
IN HANDLING AND STORAGE.

Other Precautions: SURFACE SUBJECT TO SPILLS WITH THIS PRODUCT CAN BECOME SLIPPERY

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type): NONE REQUIRED

Ventilation: Local Exhaust: N/A Special: N/A  
Mechanical (General): N/A Other: N/A

Protective Gloves: NONE UNDER NORMAL USE Eye Protection: NONE UNDER NORMAL USE  
Other Protective Clothing or Equipment: NONE UNDER NORMAL USE  
Work/Hygienic Practices: NORMAL PRECAUTIONS COMMON TO GOOD MANUFACTURING PRACTICES  
SHOULD BE FOLLOWED.