

# MSDS - Material Safety Data Sheet

**Product Name:** *Synlube 1000 Aerosol*

**MSDS No.:** 023901

Contact with liquid may cause dryness of the skin and eye irritation. Inhalation of high concentrations of vapors may result in headache, dizziness, nausea and respiratory tract irritation.

**Medical Conditions Generally Aggravated by Exposure:**

Persons with asthma-like conditions may experience additional breathing difficulties due to respiratory tract irritation.

**Emergency and First Aid Procedures:**

SKIN CONTACT: Wash affected area with warm, soapy water and apply barrier cream.

EYE CONTACT: Flush eyes with water for at least 15 minutes and contact a physician.

INGESTION: Seek immediate medical attention. This material is slightly toxic if ingested.

INHALATION: Remove person to fresh air. If person is not breathing give mouth-to-mouth resuscitation and contact a physician.

**Other Health Warnings:**

Prolonged and repeated exposure to hexane and its isomers may damage peripheral nerve tissue and result in loss of sensation in the extremities (arms and legs).

Over-exposure to mixed hexane isomers may also affect the central nervous system.

## V. Fire Fighting Measures:

**Flash Point:** -6°F

**Lower Explosive Limit:** NE

**Upper Explosive Limit:** NE

**Fire Extinguishing Media:** Foam, water spray, carbon dioxide or dry chemical extinguishers.

**Special Fire Fighting Procedures:**

Firefighters should wear a self-contained breathing apparatus and protective clothing. Cool aerosol cans with water spray and move to safety as soon as possible.

**Unusual Fire and Explosion:**

This material is extremely flammable and may be ignited by heat, sparks, flame or static electricity. Flashback along vapor trail may occur.

## VI. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**

Ventilate spill area. Remove all sources of ignition. Cover liquid with an absorbent material (sawdust, vermiculite or wet sand). After the material is absorbed scoop up and place in containers for disposal.

## VII. Handling and Storage:

**Precautions to be Taken:**

Store in a cool, dry area away from direct sunlight or temperatures above 120°F. Use in a well ventilated area.

**Other Precautions:**

Do not puncture or incinerate aerosol containers.

## VIII. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

Recommended to met TLV limits.

Mechanical ventilation or exhaust systems may be required.

**Personal Protective Equipment:**

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## **XV. Regulatory Information:**

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
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None

## **XVI. Other Information:**

NIOSH recommends 100 ppm 8 hour TWA and 510 ppm ceiling for n-Hexane. The OSHA and the ACGIH TLVs for the other isomers of Hexane are 500 ppm TWA and 1000 ppm short term exposure limit (STEL).

In this document the following abbreviations were used:

NA: Not Applicable

NE: Not Established

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RESPIRATORY PROTECTION: If concentrations exceed the established exposure limits, use a supplied air respirator.

PROTECTIVE GLOVES: Impervious rubber gloves.

EYE PROTECTION: Wear safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: An apron or suitable clothing to prevent skin contact.

## IX. Physical and Chemical Properties:

<b>Boiling Point:</b> 145°F	<b>Melting Point:</b> NA	<b>Evaporation Rate:</b> <1
<b>Vapor Pressure (mm Hg.):</b> 130°F	<b>Vapor Density (AIR = 1):</b> >1	
<b>Solubility In Water:</b> Nil		
<b>Appearance and Odor:</b> Clear, low odor liquid or aerosol		
<b>Other Information:</b> VOLATILITY @75°F: High		
	PERCENT VOLATILE BY VOLUME(%): 94-96%	
	SPECIFIC GRAVITY: 0.70	

## X. Stability and Reactivity:

**Stability:**  
Stable

**Incompatibility (Materials to Avoid):**  
Strong oxidizing agents, acids and bases.

**Decomposition/By Products:**  
Thermal decomposition in the presence of air may yield carbon dioxide, carbon monoxide and silicone oxide.

**Hazardous Polymerization:**  
Will not occur

## XI. Toxicological Information:

None Available

## XII. Ecological Information:

None Available

## XIII. Disposal Considerations:

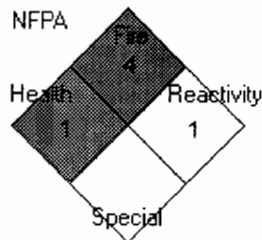
Waste must be disposed of in accordance with federal, state and local environmental regulations.

## XIV. Transport Information:

Box, Aerosols, Flammable  
2.1  
UN 1950  
Hazardous

**MSDS - Material Safety Data Sheet****Product Name: Synlube 1000 Aerosol****MSDS No.: 023901****I. Basic Information:**

**Manufacturer:** Synair Corporation  
**Address:** 2003 Amnicola Highway, P.O.Box 5269  
**City, ST Zip:** Chattanooga, TN 37406  
**Phone Number:** 423-698-8801  
**Last Update:** 2/3/99  
**Chemical State:**  Liquid  Gas  Solid  
**Chemical Type:**  Pure  Mixture  
**Transportation Phone Emergency:** Chem-Trec 1-800-424-9300



1	Health
4	Flammability
1	Reactivity
G	Pers. Protection

**II. Ingredients:**

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
64742956	Aromatic Petroleum Distillate	3-5					100 ppm	50 ppm	NE
68476857	Liquefied petroleum gas (LPG)	30-35					1000ppm	1000ppm	NE
110543	n-Hexane	55-60					50 ppm	50 ppm	NE
0	Non-Hazardous Release Blend	4-6					NE	NE	NE

**III. Hazardous Identification:****Hazard Category:**

Acute  Chronic  Fire  Pressure  Reactive

**Hazardous Identification Information:**

Warning!

Clear, low odor liquid or aerosol.

This material is extremely flammable and may be ignited by heat, sparks, flame or static electricity.

Prolonged and repeated exposure to hexane and its isomers may damage peripheral nerve tissue and result in loss of sensation in the extremities (arms and legs).

**IV. First Aid Measures:****Route(s) of Entry:**

Inhalation, Ingestion, Skin and Eye contact.

**Health Hazards (Acute and Chronic):**

Acute (Short-Term)

Repeated skin contact may produce minor skin, eye and respiratory tract irritation.

Chronic (Delayed)

Prolonged exposure to vapors or mists may cause visual disturbance. Persons with asthma-like conditions may experience additional breathing difficulties due to respiratory irritation.

**Signs and Symptoms:**