

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION MSDS SHEET

Trade Name NATURAL-SOLV-S
Manufacturer LYN Distributing
965 North Redwood Road
NorthSalt Lake , UT 84054 USA

Telephone Numbers - 24 Hour Emergency Assistance

Medical 800-366-5022
Chemtrec 800-424-9300
Chemtrec Int'l 703-527-3887

Telephone Numbers - General Assistance

General (801) 295-5022

Product Class Methyl esters

Product Number Deg 032

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Methyl ester, _____	67784-80-9	> 98 %

3 HAZARDS IDENTIFICATION

Emergency Overview

Clear liquid, pale yellow color.Mild odor

May cause irritation to the eyes, skin, and respiratory system.

Health Effects: Eyes

This product may cause slight irritation to the eyes.

Health Effects: Skin

May cause slight skin irritation.Product contains an ingredient known to be a sensitizer in animals.
Therefore, prolonged or repeated contact with the product may result in allergic skin sensitization reactions.

Health Effects: Inhalation

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Health Effects: Ingestion

Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

4 FIRST AID MEASURES

Eyes

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

Skin

For skin contact flush with large amounts of water. If irritation persists, get medical attention.

Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion

If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

5 FIRE FIGHTING MEASURES

Possibility of spontaneous combustion ("oily rag" problem). Rags soaked with any solvent present a fire hazard and should always be stored in a UL listed or Factory Mutual approved, covered container. Improperly stored rags can create conditions that lead to oxidation, that in turn, may lead to spontaneous combustion.

Flash Point (> 93.9 °C), > 201 F PMCC

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

Surfaces may become slippery after spillage.

7 HANDLING & STORAGE

Handling Procedures

Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Storage Procedures

Store in a dry, well-ventilated area. Store away from strong oxidizers. Do not handle or store near an open flame, heat or other sources of ignition.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Personal Protective Equipment: Eyes/Face

Wear chemical goggles; face shield (if splashing is possible).

Personal Protective Equipment: Skin

Wear suitable protective clothing. Use impervious gloves.

Personal Protective Equipment: Respiratory

If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

9 PHYSICAL & CHEMICAL PROPERTIES

Flash Point	(> 93.9 °C), > 201 F PMCC
Boiling Point	(> 315.6 °C), > 600 F
Specific Gravity	(7.322 lb/gal), 0.88 g/ml (H ₂ O = 1)
Percent Volatile	NIL
Vapor Pressure	< 2 mmHg
Vapor Density	Estimated heavier than air.
Evaporation Rate	Estimated slower than ethyl ether.

Appearance and Odor

Clear liquid, pale yellow color. Mild odor

10 STABILITY & REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Avoid strong oxidizing agents.

Incompatibility

This product may react with strong oxidizing agents, alkalies.

Hazardous Decomposition

Methanol may be evolved if hydrolyzed or saponified.

Hazardous Polymerization

Will not occur.

11 TOXICOLOGICAL INFORMATION

Carcinogenicity

Not listed as carcinogenic according to IARC, NTP or OSHA.

Mutagenicity

This product class is non-mutagenic.

LD50 Value

Oral LD50 (rat) = >5000 - 15,000 mg/kg Dermal LD50 (rabbit) = >2,000 < or equal to 20,000 mg/kg

12 ECOLOGICAL INFORMATION

Ecotoxicity

No data available on finished product.

Environmental Fate

This product class is readily biodegradable.

13 DISPOSAL CONSIDERATIONS

Disposal Instructions

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

14 TRANSPORT INFORMATION

DOT Proper Shipping Name Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15 REGULATORY INFORMATION

Ingredient Name	CAS Number	Percent
_Methyl ester, _____	67784-80-9	> 99 %

Inventories

All components of this product are listed on the following inventories: U.S.A.(TSCA), Canada(DSL), Europe(EINECS/ELINCS/Polymer/NLP), Korea(ECL), Australia(AICS),

There is no calculable reportable quantity (RQ) for this product.

16 OTHER INFORMATION

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HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	X	

Completed On

2/24/04

Replaces Sheet Dated

09/05/2003

Completed By

Product Safety & Compliance