

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Alto Syn VL 46
Article Code:
Synonyms: No information available
Chemical characterisation: No data is available on the product itself.

Supplier:
 BlueSky Lubricants
 454 South Main Street
 Wilkes-Barre, Pennsylvania 18703
 Phone: (570) 822-1151
 Fax: (570) 823-1940

Emergency telephone number

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³):	OSHA (TWA mg/m ³):
1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester	68515-49-1	None	None

Note for Non-Hazardous Components Components not precisely identified above are non-hazardous as defined by applicable laws.

3. HAZARDS IDENTIFICATION

Properties affecting health: None.
Principle routes of exposure: Skin.
Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.
Eye contact: May cause slight irritation.
Inhalation: Immediate medical attention is not required.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.
Skin contact: Immediate medical attention is not required. Wash off immediately with soap and plenty of water.

Eye contact:	Flush eye(s) immediately with plenty of water. If symptoms persist, call a physician.
Inhalation:	Move to fresh air in case of accidental inhalation of vapours. In the case of inhalation of aerosol/mist consult a physician if necessary.
Ingestion:	Drink 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂), Dry chemical, Water spray mist or foam

Extinguishing media which must not be used for safety reasons:

Not applicable.

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards:	Not applicable.
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	In the event of fire, cool tanks with water spray

Flash point:	> 450 (°F)
Autoignition temperature:	No information available

Flammability Limits in Air:

Lower	No information available
Upper	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment. Contaminated surfaces will be extremely slippery.
Environmental precautions:	Should not be released into the environment. Do not flush into surface water or sanitary sewer system.
Methods for cleaning up:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:	No special technical protective measures required.
Safe handling advice:	Spilling onto the container's outside will make container slippery. Always replace cap after use.

Storage

Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Incompatible products:	No special restrictions on storage with other products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory protection: No personal respiratory protective equipment normally required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection: Nitrile rubber.

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection: Safety glasses

Hygiene measures: Wash hands before breaks and at the end of workday..



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear	Odor:	Mild
Specific gravity:	< 1.0	Boiling point/range	> 600 (°F)
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	<.10 mmHg @ 20° C	Solubility:	Insoluble.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	None reasonably foreseeable
Materials to avoid:	Oxidising agents (strong).
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility: No information available.

Bioaccumulative potential: Not determined.

Ecotoxicity effects: No data available.

Aquatic toxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT
Proper shipping name: Not Applicable

TDG (Canada)
Proper shipping name: Not Applicable

14. TRANSPORT INFORMATION

IMO / IMDG

Proper shipping name: Not Applicable

ICAO

Proper shipping name: Not Applicable

IATA

Proper shipping name: Not Applicable

15. REGULATORY INFORMATION

International Inventories

PICCS: This product complies with phil:

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

ENCS: This product does not comply with JPENCS

CHINA: This product complies with china:

AICS: All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

KECL: This product complies with korea:

EINECS/ELINCS This product complies with EINECS/ELINCS

U.S. Regulations:

1,2 Benzenedicarboxylic acid di-c9-c11 branched alkyl ester

California Proposition 65 - Listed.

NJRTK: Substance no. 3005 Listed.

PARTK: Listed.

ILRTK: Listed.

CTRTK: Listed.

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:

Non-controlled

16. OTHER INFORMATION

NFPA **Health:** 1 **Flammability:** 1 **Instability:** 0

HMIG **Health:** 1 **Flammability:** 1 **Reactivity:** 0

NFPA symbol:



Reason for revision:

Not applicable

Prepared by:

Health & Safety

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.