

# MATERIAL SAFETY DATA SHEET

Print date: 24-Jul-2012

Revision Number: 0

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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  
 375 Stewart Rd  
 Hanover TWP, Pennsylvania 18706  
 Phone: (570) 822-1151  
 Fax: (570) 823-1940

**Emergency telephone number**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Components  | CAS-No     | ACGIH (TWA mg/m <sup>3</sup> ): | OSHA (TWA mg/m <sup>3</sup> ): |
|---|------------|---------------------------------|--------------------------------|
| 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.

|                     |  |
|---------------------|--|
| <b>Eye contact:</b> | Flush eye(s) immediately with plenty of water. If symptoms persist, call a physician.  |
| <b>Inhalation:</b>  | Move to fresh air in case of accidental inhalation of vapours. In the case of inhalation of aerosol/mist consult a physician if necessary. |
| <b>Ingestion:</b>   | 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 (CO<sub>2</sub>), 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.

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

|                                  |                          |
|----------------------------------|--------------------------|
| <b>Flash point:</b>              | > 450 (°F)               |
| <b>Autoignition temperature:</b> | No information available |

**Flammability Limits in Air:**

|              |                          |
|--------------|--------------------------|
| <b>Lower</b> | No information available |
| <b>Upper</b> | No information available |

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

**Handling**

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

**Storage**

|   |  |
|---|--|
| <b>Technical measures/storage conditions:</b> | Keep containers dry and tightly closed to avoid moisture absorption and contamination. |
| <b>Incompatible products:</b>                 | 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

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

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable under recommended storage conditions. |
| <b>Polymerization:</b>                   | Hazardous polymerisation does not occur.     |
| <b>Hazardous decomposition products:</b> | None reasonably foreseeable                  |
| <b>Materials to avoid:</b>               | Oxidising agents (strong).                   |
| <b>Conditions to avoid:</b>              | 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

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