



# SAFETY DATA SHEET

## 1. Identification

**Product name** No-Tox Food Grade Air Line Lubricant  
**Product code** 62050  
**Synonyms** No-Tox AL Lube  
Bel-Ray Company, Inc.  
Bel-Ray Company PTY Limited  
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## Recommended use and Limitations on use

**Recommended use** Not available.  
**NSF** Food-grade lubricant. NSF H1 Registered Number 126371.

## 2. Hazards identification

### GHS classification

**Physical hazards** Not classified.  
**Health hazards** Sensitization, skin Category 1  
Germ cell mutagenicity Category 2  
Specific target organ toxicity following single exposure Category 2 (Lung, nervous system)  
Specific target organ toxicity following repeated exposure Category 1 (Lung, Skin)  
**Environmental hazards** Not classified.

### GHS label elements

#### Pictograms



#### Signal word

Danger

#### Hazard statement

May cause an allergic skin reaction. Suspected of causing genetic defects. May cause damage to organs (Lung, nervous system). Causes damage to organs (Lung, Skin) through prolonged or repeated exposure.

### Precautionary statement

#### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapour. Avoid breathing mist or vapour. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Use personal protective equipment as required.

#### Response

IF ON SKIN: Wash with plenty of soap and water. IF exposed or concerned: Get medical advice/attention. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

|                 |                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store locked up.                                                                                    |
| <b>Disposal</b> | Dispose of contents/container in accordance with local/regional/national/international regulations. |

### 3. Composition/information on ingredients

**Substance or mixture** Mixture

#### Chemical property

| Chemical name                            | CAS Number | Concentration (%) |
|------------------------------------------|------------|-------------------|
| White mineral oil (petroleum)            | 8042-47-5  | 90 - 100          |
| Butylhydroxytoluene                      | 128-37-0   | < 0.3             |
| Other components below reportable levels |            | 1 - < 3           |

### 4. First aid measures

|                                                           |                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                         | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                                                               |
| <b>Skin contact</b>                                       | Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. Get medical attention if irritation develops and persists.                                                                           |
| <b>Eye contact</b>                                        | Rinse with water. Get medical attention if irritation develops and persists.                                                                                                                                                                      |
| <b>Ingestion</b>                                          | Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give liquid to an unconscious person.                                                                            |
| <b>Most important symptoms/effects, acute and delayed</b> | Discomfort in the chest. Shortness of breath. Narcosis. Decrease in motor functions. Behavioural changes. Coughing. Defatting of the skin. Skin irritation. Rash. Prolonged exposure may cause chronic effects. May cause allergic skin reaction. |
| <b>Personal protection for first-aid responders</b>       | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.                                  |
| <b>Notes to physician</b>                                 | Not available.                                                                                                                                                                                                                                    |

### 5. Fire-fighting measures

|                                              |                                                                                                |
|----------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Extinguishing media</b>                   | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Dry chemicals.        |
| <b>Extinguishing media to avoid</b>          | Water. Do not use water jet as an extinguisher, as this will spread the fire.                  |
| <b>Specific hazards during fire fighting</b> | None.                                                                                          |
| <b>Special fire fighting procedures</b>      | None.                                                                                          |
| <b>Protection of fire-fighters</b>           | Cool containers exposed to heat with water spray and remove container, if no risk is involved. |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid inhalation of vapors or mists.                                                                                                                                                                                                                                                       |
| <b>Environmental precautions</b>                                           | Prevent further leakage or spillage if safe to do so.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Spill cleanup methods</b>                                               | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills in original containers for re-use. For waste disposal, see section 13.</p> |

### 7. Handling and storage

#### Handling

|                             |                                                                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions</b>          | Obtain special instructions before use. Use personal protective equipment as required.                                                                                                                                     |
| <b>Safe handling advice</b> | Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapour. Avoid contact with skin. Avoid prolonged exposure. Use personal protection recommended in Section 8 of the MSDS. |

#### Storage

|                                    |                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------|
| <b>Suitable storage conditions</b> | Store locked up. Keep container tightly closed. Keep out of the reach of children. |
| <b>Incompatible materials</b>      | None known.                                                                        |

**Safe packaging materials** Keep in original container.

## 8. Exposure controls/personal protection

### Control parameters/Occupational exposure limits

**Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order)**

| Components                                    | Type | Value    | Form  |
|-----------------------------------------------|------|----------|-------|
| Butylhydroxytoluene<br>(128-37-0)             | TWA  | 10 mg/m3 |       |
| White mineral oil (petroleum<br>) (8042-47-5) | STEL | 10 mg/m3 | Mist. |
|                                               | TWA  | 5 mg/m3  | Mist. |

### Exposure limits

**US. ACGIH Threshold Limit Values**

| Components                                    | Type | Value   | Form                             |
|-----------------------------------------------|------|---------|----------------------------------|
| Butylhydroxytoluene<br>(128-37-0)             | TWA  | 2 mg/m3 | Inhalable fraction and<br>vapor. |
| White mineral oil (petroleum<br>) (8042-47-5) | TWA  | 5 mg/m3 | Inhalable fraction.              |

### Appropriate engineering control measures

#### Personal protective equipment

|                               |                                                                                                                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b> | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.                                                                                                                             |
| <b>Skin protection</b>        | Wear suitable protective clothing. Wear protective gloves.                                                                                                                                                                                   |
| <b>Eye/face protection</b>    | Chemical goggles are recommended.                                                                                                                                                                                                            |
| <b>Thermal hazards</b>        | Not available.                                                                                                                                                                                                                               |
| <b>Hygiene measures</b>       | Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practices. |

## 9. Physical and chemical properties

### Appearance

|                       |                |
|-----------------------|----------------|
| <b>Physical state</b> | Liquid.        |
| <b>Form</b>           | Liquid.        |
| <b>Colour</b>         | Not available. |

**Odour** Not available.

**Odour threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Boiling point, initial boiling point, and boiling range** 360 °C (680 °F) estimated

**Flash point** 135 °C (275 °F) estimated

**Auto-ignition temperature** 260 °C (500 °F) estimated

**Flammability (solid, gas)** Not available.

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit** Not available.

**Vapour pressure** 0 hPa estimated

**Density** 0.88 g/cm3 estimated

**Vapour density** Not available.

**Evaporation rate** Not available.

**Relative density** Not available.

**Solubility** Not available.

**Solubility (other)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

Percent volatile 0.01 % estimated

**Other data**

Flammability class Combustible IIIB estimated

Flash point class Combustible IIIB

Specific gravity 0.88 estimated

VOC (Weight %) 0.01 % estimated

## 10. Stability and reactivity

Reactivity Strong oxidizing agents.

Stability Material is stable under normal conditions.

Conditions to avoid Avoid temperatures exceeding the flash point.

Incompatible materials None known.

Hazardous decomposition products No dangerous reaction known under conditions of normal use. At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

Possibility of hazardous reactions Not available.

## 11. Toxicological information

Acute toxicity Not available.

### Components

### Test results

Butylhydroxytoluene (128-37-0)

Acute Oral LD50 Guinea pig: 10700 mg/kg

Acute Oral LD50 Mouse: 1040 mg/kg

Acute Oral LD50 Rat: 890 mg/kg

\* Estimates for product may be based on additional component data not shown.

Routes of exposure Inhalation. Skin contact.

Symptoms Discomfort in the chest. Shortness of breath. Narcosis. Decrease in motor functions. Behavioural changes. Coughing. Defatting of the skin. Skin irritation. Rash.

Skin corrosion/irritation Not available.

Serious eye damage/eye irritation Not available.

Respiratory sensitizer Not available.

Skin sensitizer May cause an allergic skin reaction.

Germ cell mutagenicity Suspected of causing genetic defects.

Carcinogenicity Not available.

Toxic to reproduction Not available.

Specific target organ toxicity - single exposure May cause damage to organs. Lung, nervous system.

Specific target organ toxicity - repeated exposure Causes damage to organs. Lung, Skin.

Aspiration hazard Not available.

Chronic effects Prolonged inhalation may be harmful.

Relevant negative data Not available.

## 12. Ecological information

### Ecotoxicological data

#### Product

#### Test results

No-Tox Food Grade Air Line Lubricant (Mixture)

EC50 Daphnia: 460.4414 mg/l 48 hours estimated

LC50 Fish: 44400 mg/l 96 hours estimated

#### Components

#### Test results

Butylhydroxytoluene (128-37-0)

EC50 Water flea (Daphnia pulex): 1.44 mg/l 48 hours

\* Estimates for product may be based on additional component data not shown.

Ecotoxicity Not expected to be harmful to aquatic organisms.

|                                      |                                                            |
|--------------------------------------|------------------------------------------------------------|
| <b>Persistence and degradability</b> | No data is available on the degradability of this product. |
| <b>Bioaccumulation</b>               | Not available.                                             |
| <b>Mobility</b>                      | Not available.                                             |
| <b>Other hazardous effects</b>       | Not available.                                             |

### 13. Disposal considerations

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal methods/information</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Special precautions</b>          | Not available                                                                                                                                                                                                                                                                                                                                                                                                    |

### 14. Transport information

#### ADR

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

**SEA (Annex II of MARPOL 73/78 and the IBC Code)** None.

### 15. Regulatory information

**Applicable regulations** None.

#### Inventory status

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no) * |
|-----------------------------|------------------------------------------------------------------------|-------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                     |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                     |
| Korea                       | Existing Chemicals List (ECL)                                          | Yes                     |
| New Zealand                 | New Zealand Inventory                                                  | Yes                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

### 16. Other information

**References** Not available.

#### Issued by

Not available.

#### Prepared by

Not available.

#### Disclaimer

Bel-Ray Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

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**Key/legend** Not applicable.