



# Safety Data Sheet

## AYL

SDS Revision Date:

03/18/2019

### 1. Identification

#### 1.1. Product identifier

**Product Identity** AYL

**Alternate Names**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** INDUSTRIAL AIR CENTERS, INC.  
731 E. MARKET ST  
JEFFERSONVILLE, IN 47130  
USA

**Emergency**

**CHEMTREC (USA)** (800) 424-9300

**Customer Service:** Phone: (812) 280-7070

Fax: (812) 280-7072

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

No applicable GHS categories.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

**[Prevention]:**

No GHS prevention statements

**[Response]:**

No GHS response statements

**[Storage]:**

No GHS storage statements

**[Disposal]:**

No GHS disposal statements

### 3. Composition/information on ingredients

This product is considered a mixture.

| Ingredient/Chemical Designations   | Weight % | GHS Classification | Notes |
|--|----------|--------------------|-------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic<br>CAS Number: 0064742-65-0                  | 50 - 75  | Not Classified     | [1]   |
| Paraffin oils (petroleum), catalytic dewaxed light;<br>Baseoil-unspecified<br>CAS Number: 0064742-71-8 | 10 - 25  | Not Classified     | [1]   |
| Distillates (petroleum), hydrotreated heavy paraffinic<br>CAS Number: 0064742-54-7                     | 10 - 25  | Not Classified     | [1]   |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

|                   |   |
|-------------------|---|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention.<br>Never give anything by mouth to an unconscious person.  |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  |
| <b>Skin</b>       | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.   |
| <b>Ingestion</b>  | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.  |

### 4.2. Most important symptoms and effects, both acute and delayed

|                 |   |
|-----------------|---|
| <b>Overview</b> | Inhalation: Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.<br>Eye Irritation: Lubricating oils are generally considered no more than minimally irritating to the eyes.<br>Skin Contact: Lubricating oils are generally considered no more than minimally irritating to the skin. Prolonged and repeated contact may result in defatting and drying of the skin that may cause various skin disorders such as dermatitis, folliculitis or oil acne.<br>Ingestion: Lubricating oils are generally no more than slightly toxic if swallowed.<br>Aggravated Medical Conditions: Pre-existing eye, skin & respiratory disorders may be aggravated by exposure to this product.<br>See section 2 for further details. |
|-----------------|---|

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray. Do not use; water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or

combustion. Aldehydes, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, Ketones and other unidentified organic compounds may be formed upon combustion.

### **5.3. Advice for fire-fighters**

Unusual Fire Hazards: Material may ignite when preheated.

Do not enter confined fire-space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

**ERG Guide No.**            ----

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

### **6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### **6.3. Methods and material for containment and cleaning up**

For Large Spills: Remove with vacuum truck or pump to storage/salvage vessels.

For Small Spills: Soak up residue with an absorbent such as clay, sand, or other suitable material. Place in non-leaking container and seal tightly for proper disposal.

Reporting:

CERCLA: Product is covered by EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) petroleum exclusion. Releases to air, land or water are not reportable under CERCLA (Superfund).

CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (CWA). Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, 1-800-424-8802.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

Avoid heat and open flames, including pilot lights and strong oxidizing agents. Use explosion proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent sparking. Properly dispose of contaminated leather articles, such as shoes or belts that cannot be decontaminated.

### **7.2. Conditions for safe storage, including any incompatibilities**

Handle containers carefully to prevent damage and spillage.

Avoid heat and open flames.

Incompatible materials: Strong oxidizing agents.

Do not store in open or unlabeled containers. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

Keep containers closed when not in use. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, weld or perform similar operations on or near containers.

### **7.3. Specific end use(s)**

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

| CAS No.      | Ingredient  | Source   | Value                |
|--------------|---|----------|----------------------|
| 0064742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic               | OSHA     | No Established Limit |
|              |   | ACGIH    | No Established Limit |
|              |   | NIOSH    | No Established Limit |
|              |   | Supplier | No Established Limit |
| 0064742-71-8 | Paraffin oils (petroleum), catalytic dewaxed light; Baseoil-unspecified | OSHA     | No Established Limit |
|              |   | ACGIH    | No Established Limit |
|              |   | NIOSH    | No Established Limit |
|              |   | Supplier | No Established Limit |
| 0064742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic                  | OSHA     | No Established Limit |
|              |   | ACGIH    | No Established Limit |
|              |   | NIOSH    | No Established Limit |
|              |   | Supplier | No Established Limit |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.

#### Carcinogen Data

| CAS No.      | Ingredient  | Source | Value  |
|--------------|---|--------|--|
| 0064742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic               | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-71-8 | Paraffin oils (petroleum), catalytic dewaxed light; Baseoil-unspecified | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic                  | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

#### Eyes

Safety glasses with side shields

#### Skin

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

## 9. Physical and chemical properties

|  |  |
|--|--|
| <b>Appearance</b>                                      | Clear and bright   |
| <b>Odor</b>  | Mild   |
| <b>Odor threshold</b>                                  | Not Measured   |
| <b>pH</b>  | Not Measured   |
| <b>Melting point / freezing point</b>                  | Not Measured   |
| <b>Pour Point</b>                                      | -45C   |
| <b>Initial boiling point and boiling range</b>         | Not Measured   |
| <b>Flash Point</b>                                     | 204C   |
| <b>Evaporation rate (Ether = 1)</b>                    | Not Measured   |
| <b>Flammability (solid, gas)</b>                       | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> Not Measured<br><b>Upper Explosive Limit:</b> Not Measured |
| <b>Vapor pressure (Pa)</b>                             | Not Measured   |
| <b>Vapor Density</b>                                   | Not Measured   |
| <b>Specific Gravity</b>                                | 0.88   |
| <b>Solubility in Water</b>                             | Not Measured   |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured   |
| <b>Auto-ignition temperature</b>                       | Not Measured   |
| <b>Decomposition temperature</b>                       | Not Measured   |
| <b>Viscosity (cSt)</b>                                 | 32.0 @ 40C   |
| <b>Density (lbs/gal)</b>                               | Not Measured   |

### 9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid heat and open flames.

### 10.5. Incompatible materials

Incompatible with strong oxidizing agents

### 10.6. Hazardous decomposition products

Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, Ketones and other unidentified organic compounds may be formed upon combustion.

## 11. Toxicological information

### Acute toxicity

Product is safe for intended use based on the formulation, testing results and the long history of safe consumer use.

| Ingredient   | Oral LD50, mg/kg               | Skin LD50, mg/kg  | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|--|--------------------------------|-------------------|---------------------------------|-------------------------------------|--------------------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic – (64742-65-0)               | > 5,000.00, Rat - Category: NA | No data available | No data available               | No data available                   | No data available        |
| Paraffin oils (petroleum), catalytic dewaxed light; Baseoil-unspecified - (64742-71-8) | No data available              | No data available | No data available               | No data available                   | No data available        |
| Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7)                  | 5,000.00, Rat - Category: NA   | No data available | No data available               | No data available                   | No data available        |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description |
|-------------------------------|----------|--------------------|
| Acute toxicity (oral)         | ---      | Not Applicable     |
| Acute toxicity (dermal)       | ---      | Not Applicable     |
| Acute toxicity (inhalation)   | ---      | Not Applicable     |
| Skin corrosion/irritation     | ---      | Not Applicable     |
| Serious eye damage/irritation | ---      | Not Applicable     |
| Respiratory sensitization     | ---      | Not Applicable     |
| Skin sensitization            | ---      | Not Applicable     |
| Germ cell mutagenicity        | ---      | Not Applicable     |
| Carcinogenicity               | ---      | Not Applicable     |
| Reproductive toxicity         | ---      | Not Applicable     |
| STOT-single exposure          | ---      | Not Applicable     |
| STOT-repeated exposure        | ---      | Not Applicable     |
| Aspiration hazard             | ---      | Not Applicable     |

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

| Ingredient   | 96 hr LC50 fish, mg/l         | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l                         |
|--|-------------------------------|----------------------------|---|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic – (64742-65-0) | 5,000.00, Oncorhynchus mykiss | 1,000.00, Daphnia magna    | 1,000.00 (96 hr), Scenedesmus subspicatus |

|  |                               |                         |               |
|--|-------------------------------|-------------------------|---------------|
| Paraffin oils (petroleum), catalytic dewaxed light; Baseoil-unspecified - (64742-71-8) | Not Available                 | Not Available           | Not Available |
| Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7)                  | 5,000.00, Oncorhynchus mykiss | 1,000.00, Daphnia magna | Not Available |

### 12.2. Persistence and degradability

There is no data available on the preparation itself. However, this product is an oil. It is persistent and does not readily biodegrade.

### 12.3. Bioaccumulative potential

Does not bioaccumulate

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

|   | <b>DOT (Domestic Surface Transportation)</b> | <b>IMO / IMDG (Ocean Transportation)</b>                        | <b>ICAO/IATA</b>                 |
|---|--|---|----------------------------------|
| <b>14.1. UN number</b>                    | Not Applicable                               | Not Regulated   | Not Regulated                    |
| <b>14.2. UN proper shipping name</b>      | Not Regulated                                | Not Regulated   | Not Regulated                    |
| <b>14.3. Transport hazard class(es)</b>   | <b>DOT Hazard Class:</b> Not Applicable      | <b>IMDG:</b> Not Applicable<br><b>Sub Class:</b> Not Applicable | <b>Air Class:</b> Not Applicable |
| <b>14.4. Packing group</b>                | Not Applicable                               | Not Applicable  | Not Applicable                   |
| <b>14.5. Environmental hazards</b>        |  |   |                                  |
| <b>IMDG</b>                               | Marine Pollutant: No                         |   |                                  |
| <b>14.6. Special precautions for user</b> | No further information                       |   |                                  |

## 15. Regulatory information

|  |   |
|--|---|
| <b>Regulatory Overview</b>                 | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| <b>Toxic Substance Control Act ( TSCA)</b> | All components of this material are either listed or exempt from listing on the TSCA Inventory.                   |
| <b>WHMIS Classification</b>                | Not regulated.  |

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** No

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs (lbs):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not applicable

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

The information provided on the SDS is a correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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