



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 1 of 9

Revision date: 07.06.2018

### Tech Air Tool Oil

#### SECTION 1: Identification

##### Product identifier

**Product name:** Tech Air Tool Oil

**Product code:** 753

**Additional information:** Rev 3.0

##### Recommended use of the product and restriction on use

**Relevant identified uses:** Pneumatic tool and general purpose EP oil

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

##### Manufacturer or supplier details

###### Manufacturer:

**United States**

Tech International

200 East Coshocton Street

Johnstown, OH 43031

1-740-967-9015

##### Emergency telephone number:

**United States**

**CHEMTREC**

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1-703-527-3887

#### SECTION 2: Hazard(s) identification

##### GHS classification:

Skin sensitization, category 1

Chronic aquatic hazard, category 1

##### Label elements

###### Hazard pictograms:



**Signal word:** Warning

##### Hazard statements:

H317 May cause an allergic skin reaction

H410 Very toxic to aquatic life with long lasting effects

##### Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P272 Contaminated work clothing should not be allowed out of the workplace

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 2 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

P280 Wear protective gloves/protective clothing/eye protection/face protection  
P273 Avoid release to the environment  
P321 Specific treatment (see supplemental first aid instructions on this label).  
P302+P352 IF ON SKIN: Wash with plenty of water  
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention  
P391 Collect spillage  
P363 Wash contaminated clothing before reuse  
P501 Dispose of contents and container as instructed in Section 13

**Hazards not otherwise classified:** None

## SECTION 3: Composition/information on ingredients

| Identification              | Name   | Weight % |
|-----------------------------|--|----------|
| CAS number:<br>Confidential | Alkyl Polysulfides                                     | 1-2      |
| CAS number:<br>Confidential | Long Chain Alkylamine                                  | <1       |
| CAS number:<br>Confidential | Alkyl Phosphates                                       | <0.5     |
| CAS number:<br>Confidential | Long Chain Alkenyl Amine                               | <0.5     |
| CAS number:<br>64742-55-8   | Distillates (petroleum), hydrotreated light paraffinic | 80-99    |

**Additional Information:** None

## SECTION 4: First aid measures

### Description of first aid measures

#### General notes:

Not determined or not applicable.

#### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

#### After skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

#### After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

#### After swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

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

#### Acute symptoms and effects:

Not determined or not applicable.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 3 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

### Delayed symptoms and effects:

Not determined or not applicable.

### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not applicable.

#### Notes for the doctor:

Not determined or not applicable.

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

#### Unsuitable extinguishing media:

Not determined or not applicable.

### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

### Special precautions:

Not determined or not applicable.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation

Ensure air handling systems are operational

Wear protective eye wear, gloves and clothing

### Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)

Dispose of contents / container in accordance with local regulations

### Reference to other sections:

Not determined or not applicable.

## SECTION 7: Handling and storage

### Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

### Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Protect from freezing and physical damage.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 4 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

Store in a cool, well-ventilated area.

## SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

### Occupational Exposure limit values:

| Country (Legal Basis) | Substance  | Identifier | Permissible concentration  |
|-----------------------|--|------------|--|
| ACGIH                 | Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | 8-Hour Exposure Limit (TLV-TWA): 5 mg/m <sup>3</sup>                                   |
| NIOSH                 | Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | NIOSH REL [for up to a 10-hour workday during a 40-hour workweek]: 5 mg/m <sup>3</sup> |
|                       | Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | NIOSH IDLH: 2500 mg/m <sup>3</sup>   |
|                       | Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | NIOSH STEL: 10 mg/m <sup>3</sup>   |
| United States (OSHA)  | Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | Z-1-A PEL TWA: 5 mg/m <sup>3</sup>   |
|                       | Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | Z-1 PEL TWA: 5 mg/m <sup>3</sup>   |

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

For continuous contact we recommend nitrile gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the OSHA respirator regulations found in 29 CFR 1910.134.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 5 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

### General hygienic measures:

- Avoid contact with skin, eyes and clothing.
- Wash hands before breaks and at the end of work.
- Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|  |  |
|--|--|
| <b>Appearance</b>                              | Golden to dark amber liquid                        |
| <b>Odor</b>                                    | Moderate sulfurous                                 |
| <b>Odor threshold</b>                          | Not determined or not available.                   |
| <b>pH</b>                                      | Not determined or not available.                   |
| <b>Melting point/freezing point</b>            | Not determined or not available.                   |
| <b>Initial boiling point/range</b>             | Not determined or not available.                   |
| <b>Flash point (closed cup)</b>                | > 93°C (> 199°F) (estimated based on components)   |
| <b>Evaporation rate</b>                        | Nil (when nBuAc = 1)                               |
| <b>Flammability (solid, gas)</b>               | Not determined or not available.                   |
| <b>Upper flammability/explosive limit</b>      | Not determined or not available.                   |
| <b>Lower flammability/explosive limit</b>      | Not determined or not available.                   |
| <b>Vapor pressure</b>                          | 0.013 torr @ 25°C (68°F)                           |
| <b>Vapor density</b>                           | Not determined or not available.                   |
| <b>Density</b>                                 | 0.9 mg/cu. cm @ 15.6°C                             |
| <b>Relative density</b>                        | Not determined or not available.                   |
| <b>Solubilities</b>                            | Insoluble in water, alcohols; soluble in organics. |
| <b>Partition coefficient (n-octanol/water)</b> | Not determined or not available.                   |
| <b>Auto/Self-ignition temperature</b>          | Not determined or not available.                   |
| <b>Decomposition temperature</b>               | Not determined or not available.                   |
| <b>Dynamic viscosity</b>                       | Not determined or not available.                   |
| <b>Kinematic viscosity</b>                     | 50 mm <sup>2</sup> /s @ 40°C                       |
| <b>Explosive properties</b>                    | Not determined or not available.                   |
| <b>Oxidizing properties</b>                    | Not determined or not available.                   |

### Other information

## SECTION 10: Stability and reactivity

### Reactivity:

Does not react under normal conditions of use and storage.

### Chemical stability:

Stable under normal conditions of use and storage.

### Possibility of hazardous reactions:

None under normal conditions of use and storage.

### Conditions to avoid:

Keep away from heat, flames, strong oxidizers and strong reducing agents

### Incompatible materials:

Oxidizers and reducers.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 6 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

### Hazardous decomposition products:

Smoke, oxides of carbon, nitrogen, phosphorus, boron, sulfur.

May also generate hydrogen sulfide if stored for extended periods of time at elevated temperatures.

## SECTION 11: Toxicological information

### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Skin corrosion/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Respiratory or skin sensitization

**Assessment:** May cause an allergic skin reaction

**Product data:**

No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

| Name   | Species         | Result            |
|--|-----------------|-------------------|
| Distillates (petroleum), hydrotreated light paraffinic | Not applicable. | May cause cancer. |

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):**

| Name   | Classification                |
|--|-------------------------------|
| Distillates (petroleum), hydrotreated light paraffinic | Known to be human carcinogens |

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 7 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Information on likely routes of exposure:

No data available.

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

### Other information:

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

### Chronic (long-term) toxicity

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 8 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

### SECTION 14: Transport information

#### United States Transportation of dangerous goods (49 CFR DOT)

|                               |  |
|-------------------------------|--|
| UN number                     | Not regulated  |
| UN proper shipping name       | Not regulated  |
| UN transport hazard class(es) | None   |
| Packing group                 | None   |
| Environmental hazards         | Marine Pollutant<br>Product contains petroleum oil which may be classified as a marine pollutant under MARPOL Annex I under certain shipping conditions. |
| Special precautions for user  | None   |

#### International Maritime Dangerous Goods (IMDG)

|                               |  |
|-------------------------------|--|
| UN number                     | Not regulated  |
| UN proper shipping name       | Not regulated  |
| UN transport hazard class(es) | None   |
| Packing group                 | None   |
| Environmental hazards         | Marine Pollutant<br>U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23 & 25. If transported in bulk by marine vessel in international waters, product is being carried under the scope of MARPOL Annex I. |
| Special precautions for user  | None   |

#### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

|                               |  |
|-------------------------------|--|
| UN number                     | Not regulated  |
| UN proper shipping name       | Not regulated  |
| UN transport hazard class(es) | None   |
| Packing group                 | None   |
| Environmental hazards         | Marine Pollutant<br>U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23, & 24. |
| Special precautions for user  | None   |

### SECTION 15: Regulatory information

#### United States regulations

##### Inventory listing (TSCA):

|            |  |        |
|------------|--|--------|
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic | Listed |
|------------|--|--------|

**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

**SARA Section 302 extremely hazardous substances:** Not determined.



# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.01.2016

Page 9 of 9

Revision date: 07.06.2018

## Tech Air Tool Oil

### SARA Section 313 toxic chemicals:

|            |  |            |
|------------|--|------------|
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic | Not Listed |
|------------|--|------------|

**CERCLA:** Not determined.

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

### Massachusetts Right to Know:

|            |  |        |
|------------|--|--------|
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic | Listed |
|------------|--|--------|

### New Jersey Right to Know:

|            |  |        |
|------------|--|--------|
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic | Listed |
|------------|--|--------|

### New York Right to Know:

|            |  |            |
|------------|--|------------|
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic | Not Listed |
|------------|--|------------|

### Pennsylvania Right to Know:

|            |  |        |
|------------|--|--------|
| 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic | Listed |
|------------|--|--------|

**California Proposition 65:** None of the ingredients are listed.

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 1-1-0

**HMIS:** 1-1-0

**Initial preparation date:** 11.01.2016

**Revision date:** 07.06.2018

**End of Safety Data Sheet**