

Material Safety Data Sheet (MSDS)

In accordance with GHS Rev. 9

Section 1 - Chemical Product and Company Identification

1.1 Product Identification:

Product Name: No. 15 Air tool Oil
Product Model: /

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

Identified uses: Air tool Oil
Use advised against: No data available.

1.3 Details of the Manufacture or supplier

Manufacture: Grizzly Industrial, Inc.
Address: 1821 Valencia St. Bellingham WA, 98229
Telephone: 417-887-9191
Fax: 417-887-2149
E-mail: csr@grizzly.com

1.4 Emergency telephone number

Emergency Telephone: +417-887-9191

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification: Aspiration Hazard, category 1

2.2 GHS Label elements, including precautionary statements

GHS Labels:

Pictogram(s):



Signal Word: Danger

Hazard Statement: H304: May be fatal if swallowed and enters airways

Precautionary statement(s)

| | |
|---|--|
| Prevention precautionary statements: | None. |
| Response Precautionary Statements: | P301+310+331: IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician |
| Storage Precautionary Statements: | P405: Store locked up |
| Disposal Precautionary Statements: | P501: Dispose of contents and container in accordance with local/regional/national /international regulations. |

2.3 Description of any hazards not otherwise classified

None. See section 11 for more detailed information on health effects and symptoms.

Section 3 - Composition/Information on Ingredient

Substance (✓) Preparation () Article ()

Composition:

| Component | CAS No. | Content (w/w%) |
|-----------------|-----------|----------------|
| Liquid paraffin | 8042-47-5 | 100% |

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

Section 4 - First Aid Measures

4.1 Description of first aid measures:

Eye Contact: Immediately flush eyes with plenty of water for several minutes, occasionally lifting the upper and lower eyelids. If irritation occurs and persists, contact a doctor.

Skin Contact: Immediately remove and isolate contaminated clothing and shoes. Wash off with soap and plenty of water.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical treatment in case of complaints.

Ingestion: If the person is conscious, wash out mouth with water and then drink plenty of water. Do NOT induce vomiting-aspiration hazard. Consult a physician attention and get medical immediately.

4.2 Most important symptoms and effects, both acute and delayed

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation. The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively. No specific antidote known.

Section 5 - Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media: Use alcohol-resistant foam, dry powder or carbon dioxide. Use water spray to cool down unopened container involved in fire.

Unsuitable extinguishing media: Water may be ineffective.

5.2 Special hazards arising from the substance or mixture

Gives off irritating fumes (or gases) and combustion product(Carbon oxides) in a fire.

5.3 Advice for firefighters

Evacuate personnel to safe areas. Wear self-contained breathing apparatus and suitable protective equipment for firefighting.

5.4 Further information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Use personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapors or aerosol. For personal protection see section 8.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up:

Isolation leakage contaminated areas, restrict access. Small leak: use inertia material to absorb spill with a clean tools and put in a suitable container. Large Leak: embank and contain spillage. To prevent leakage into the water, sewers. Clear under the guidance of experts. For disposal see section 13.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Use in well-ventilated area.

Use appropriate, approved safety equipment.

Avoid contact with skin and eyes. Avoid breathing vapor or mist.

Keep container tightly closed when not in use.
 Do not eat, drink or smoke at the workplace.
 Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.
 Keep away from heat/sparks/open flames/hot surfaces. Protect against electrostatic charges.
 For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from fire and heat. Store away from foodstuff and strong oxides.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Not established.

8.2 Exposure controls

Engineering Control: General industrial hygiene practice. Provide appropriate exhaust ventilation. Provide safe shower and eye wash fountain.

Personal protective equipment:

Respiratory Protection: Not required under normal condition. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hands Protection: Handle with chemical-resistant gloves. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Other Protections: General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

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|-------------------|---------|
| Appearance | Liquid. |
|-------------------|---------|

| | |
|---|----------------------------|
| Color | Transparent. |
| Odor | Odorless |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | 168°C. |
| Evaporation rate | Not available. |
| Flammability | Not flammable. |
| Upper explosive limit % (V/V) | Not available. |
| Lower explosive limit % (V/V) | Not available. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Relative density | 0.8447 g/cm ³ . |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | 11.6 Pa · s |

Section 10 - Stability and Reactivity

10.1 Stability: Stable under normal storage temperature and pressure.

10.2 Conditions to Avoid: Extremes of temperature, flames and mars.

10.3 Incompatible materials: Strong oxides.

10.4 Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire:see section 5.

10.5 Possibility of hazardous reactions: None hazardous reactions known under normal condition.

Section 11 - Toxicological Information

Acute Toxicity:

Products are not classified according to available data. LD/LC50 values associated with classification:

| Substance | CAS No. | LD50 oral - rat | LC50 inhalation - rat | LD50 skin - rabbit |
|-----------------|-----------|-----------------|-----------------------|--------------------|
| Liquid paraffin | 8042-47-5 | >5000mg/kg | > 5 mg/L air/4h | >2000mg/kg |

Skin Corrosion/Irritation:

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

Serious Eye Damage/Eye Irritation:

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

Respiratory or Skin Sensitization

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

| | |
|---|---|
| Germ Cell Mutagenicity | Based on available data, the classification criteria are not met. |
| Carcinogenicity: | None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA. |
| Reproductive Toxicity: | Based on available data, the classification criteria are not met. |
| Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): | Based on available data, the classification criteria are not met. |
| Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): | Based on available data, the classification criteria are not met. |
| Aspiration Hazard: | May be fatal if swallowed and enters airways, cause severe lung injury. |
| Potential Health Effects: | |
| Inhalation: | No significant effect or harm under normal condition. Long-term inhalation of oil mist or vapors in high temperature may cause respiratory irritation. |
| Skin Contact: | No significant effect or harm under normal condition. Prolonged or repeated skin contact and with inappropriate cleaning may cause skin irritation or dermatitis. |
| Eye Contact: | May causes slight eye irritation. |
| Ingestion: | Cannot be ingested under normal condition. If swallowed, it may cause severe lung injury. |

Section 12 - Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Do not allow materials to release to drains or water body.

Section 13 - Disposal Considerations

Waste treatment methods

Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Containers may still present chemical hazard when empty. Return to supplier for recycling if possible or disposal according local related regulations.

Section 14 - Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class Not applicable.

Label Not applicable.

14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA Not applicable.

14.5 Environmental hazards Not applicable.

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex 1 of

Marpol and the IBC Code Not applicable.

14.8 Transport/Additional information: Not dangerous according to the above specifications.

UN 'Model Regulation': Not applicable.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 - Additional Information**16.1 Reference**

- | | | |
|-----|--|---|
| [1] | IPCS:The International Chemical Safety Cards (ICSC) | website: http://www.ilo.org/dyn/icsc/showcard.home |
| [2] | EU REACH Registered Substance Database | website: http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances |
| [3] | OECD: The Global Portal to Information on Chemical Substances, | website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en |
| [4] | CAMEO Chemicals, | website: http://cameochemicals.noaa.gov/search/simple |
| [5] | NLM:ChemIDplus, | website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp |
| [6] | EPA: Integrated Risk Information System, | website: http://cfpub.epa.gov/iris/ |
| [7] | U.S. Department of Transportation:ERG, | website: http://www.phmsa.dot.gov/hazmat/library/erg |
| [8] | Germany GESTIS-database on hazard substance | website: http://gestis-en.itrust.de/ |
| [9] | IARC | website: http://www.iarc.fr/ |

16.2 Abbreviations and acronyms

| | |
|---------|---|
| PC-STEL | Short term exposure limit |
| PC-TWA | Time Weighted Average |
| IARC | International Agency for Research on Cancer |
| LC50 | Lethal Concentration 50% |
| LD50 | Lethal Dose 50% |
| EC50 | Effective Concentration 50% |
| PBT | Persistent, Bioaccumulative, Toxic |
| vPvB | very Persistent, very Bioaccumulative |
| ADR | Agreement on Dangerous Goods by Road |
| IATA | International Air Transport Association |
| IMO | International Maritime Organization |
| IMDG | The International Maritime Dangerous Goods |
| ICAO | International Civil Aviation Organization |
| UN | The United Nations |
| NTP | National Toxicology Program |

| | |
|-------|---|
| ACGIH | The American Conference of Governmental Industrial Hygienists |
| OSHA | Occupational Safety and Health Administration |
| NIOSH | National Institute for Occupational Safety and Health |

16.3 Disclaimer

-This safety data sheet was prepared in accordance with UN GHS Rev.9.

-The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product

16.4 Information on revision

MSDS Creation Date: February 22, 2023

MSDS Revision Date: -

Reason For Revision: -

MSDS Edition: 1.0

End of MSDS