

# Safety Data Sheet

| Section 1. Identification                      |   |
|--|---|
| <b>Product Identifier</b>                      | Cut All   |
|  | <b>Version: 5</b><br><b>Effective Date: 10 July, 2017</b>                                 |
| <b>Other Means Of Identification</b>           | Not applicable  |
| <b>Initial Supplier Identifier</b>             | Chemfax Products Ltd.<br>11444 – 42 Street SE<br>Calgary, AB T2C 5C4<br>Tel: 403-287-2055 |
| <b>Recommended Use and Restrictions On Use</b> | Emulsifiable metal working fluid. No restrictions   |
| <b>Product Family</b>                          | Blend   |
| <b>24 Hour Emergency</b>                       | Canutec (613) 996-6666  |

| Section 2. Hazard Identification          |                         |
|---|-------------------------|
| <b>Hazard Classification</b>              | Not a regulated product |
| <b>Signal Word</b>                        | None                    |
| <b>Hazard Statement</b>                   | None                    |
| <b>Precautionary Prevention Statement</b> | Non Hazardous           |
| <b>Precautionary Response Statement</b>   | Non Hazardous           |
| <b>Precautionary Storage Statement</b>    | None                    |
| <b>Precautionary Disposal Statement</b>   | None                    |
| <b>Other Hazards</b>                      | None                    |

| Section 3. Composition / Information on Ingredients                          |                         |                                      |             |
|--|-------------------------|--------------------------------------|-------------|
| Chemical Name  | Common Name or Synonyms | CAS NO. and Other Unique Identifiers | % by weight |
| *Ingredients are considered non-hazardous and constitute a proprietary blend |                         |                                      |             |

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| <b>Section 4. First-Aid Measures</b>                              |  |
|---|--|
| <b>Eye Contact</b>  | Flush eyes with water for 15 minutes. Seek medical attention.  |
| <b>Skin Contact</b>   | Wash skin with water and soap.   |
| <b>Inhalation</b>   | Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.  |
| <b>Ingestion</b>  | Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention. |
| <b>Most Important Symptoms and Effects Both Acute and Delayed</b> | Product is not hazardous by any route of exposure.   |
| <b>Immediate Medical Attention and Special Treatment</b>          | Not applicable.  |

| <b>Section 5. Fire-Fighting Measures</b>                              |   |
|---|---|
| <b>Suitable and Unsuitable Extinguishing Media</b>                    | Use dry chemical, CO <sub>2</sub> , water spray (fog), or foam.   |
| <b>Hazardous Combustion Products</b>                                  | Smoke, fumes, oxides of carbon, oxides of sulphur, aldehydes, and incomplete combustion products.   |
| <b>Specific Hazards Arising From The Product</b>                      | No specific hazard.   |
| <b>Special Protective Equipment and Precautions for Fire-Fighters</b> | Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire. |

| <b>Section 6. Accidental Release Measures</b>                              |  |
|--|--|
| <b>Personal Precautions, Protective Equipment and Emergency Procedures</b> | Protective equipment is not required under normal conditions of use. Good housekeeping practices should be employed. |
| <b>Environmental Precautions</b>   | As a general precaution, this product should not be allowed to enter the storm sewers or surface watercourses.       |
| <b>Methods and Materials For Containment and Clean-Up</b>                  | Soak up with absorbent. Place in a suitable container for disposal. Wash area with water to remove residues.         |

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| Section 7. Handling and Storage      |   |
|--------------------------------------|---|
| <b>Precautions for Safe Handling</b> | Handle with care. Good housekeeping practices should be employed. |
| <b>Conditions for Safe Storage</b>   | Store in a cool place. Keep container closed when not in use.     |

| Section 8. Exposure Controls / Personal Protection                            |   |                                   |                |               |
|---|---|-----------------------------------|----------------|---------------|
| <b>Control Parameters</b>   | <b>TWA: 8 Hr</b>  | <b>STEL: 15 min</b>               | <b>Ceiling</b> | <b>IDLH *</b> |
| If an aerosol mist occurs during handling these should be treated as follows: | 5mg <sup>3</sup><br>(Mineral oil)   | 5mg <sup>3</sup><br>(Mineral oil) |                |               |
| <b>Exposure Controls</b>  | Local exhaust ventilation   |                                   |                |               |
| <b>Appropriate Engineering Controls</b>                                       | Use with good ventilation   |                                   |                |               |
| <b>Individual Protective Measures</b>   | Not required under normal conditions of use.  |                                   |                |               |
| <b>Eye / Face Protection</b>  | As a general safety precaution, wear safety glasses.  |                                   |                |               |
| <b>Skin Protection</b>  | Gloves, coveralls and footwear suitable for workplace.  |                                   |                |               |
| <b>Respiratory Protection</b>   | If aerosol mists are generated an air purifying respirator fitted with the appropriate cartridges should be worn. |                                   |                |               |

| Section 9. Physical and Chemical Properties             |                 |
|---|-----------------|
| <b>Appearance</b>                                       | Yellow liquid   |
| <b>Odour</b>  | Petroleum Odour |
| <b>Odour Threshold</b>                                  | No data         |
| <b>pH</b>   | Not applicable  |
| <b>Flash Point</b>                                      | 160 °C          |
| <b>Boiling Point and Boiling Range</b>                  | 270 - 500 °C    |
| <b>Melting Point and Freezing point</b>                 | No data         |
| <b>Evaporation Rate</b>                                 | <0.1            |
| <b>Flammability (solid, gas)</b>                        | No data         |
| <b>Upper and Lower Flammability or Explosive Limits</b> | No data         |
| <b>Vapour Pressure</b>                                  | No data         |
| <b>Vapour Density</b>                                   | >2 @ 101 kPa    |
| <b>Relative Density</b>                                 | 0.89            |
| <b>Solubility</b>                                       | Emulsifies      |

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|--|---------|
| <b>Partition co-efficient, n-Octanol/Water</b> | No data |
| <b>Auto-ignition Temperature</b>               | No data |
| <b>Decomposition Temperature</b>               | No data |
| <b>Viscosity</b>                               | No data |

| <b>Section 10. Stability and Reactivity</b> |  |
|---|--|
| <b>Reactivity</b>                           | Product is stable  |
| <b>Chemical Stability</b>                   | The product is stable  |
| <b>Possibility of Hazardous Reactions</b>   | None   |
| <b>Conditions to Avoid</b>                  | High energy sources of ignition, heat and freezing temperatures. |
| <b>Incompatible Materials</b>               | Strong oxidizers.  |
| <b>Hazardous Decomposition Products</b>     | Under normal storage conditions, decomposition will not occur.   |

| <b>Section 11. Toxicological Information</b>                     |   |                    |                        |
|--|---|--------------------|------------------------|
| <b>Component Toxicity</b>  | <b>LD50 Oral</b>  | <b>LD50 Dermal</b> | <b>LC50 Inhalation</b> |
| Not considered toxic by ingestion or inhalation.                 |   |                    |                        |
| <b>Likely Routes of Exposure</b>                                 |   |                    |                        |
| <b>Skin:</b>   | May cause irritation and redness with prolonged and repeated contact. |                    |                        |
| <b>Eyes:</b>   | Mists may be irritating to the eyes.                                  |                    |                        |
| <b>Inhalation:</b>   | Mists may cause irritation of the nose, throat and lungs.             |                    |                        |
| <b>Ingestion:</b>  | May cause digestive tract disturbances.                               |                    |                        |
| <b>Acute Toxicity Estimates (ATE)</b>                            | No data   |                    |                        |
| <b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>   | No data   |                    |                        |
| <b>Aspiration Toxicity</b>                                       | No data   |                    |                        |
| <b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b> | No data   |                    |                        |
| <b>Skin Corrosion /Irritation</b>                                | Not considered hazardous  |                    |                        |
| <b>Serious Eye Damage / Irritation</b>                           | Not considered hazardous  |                    |                        |



Manufacturer of Specialty Chemicals

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|  |                          |
|--|--------------------------|
| <b>Respiratory or Skin Sensitization</b> | Not considered hazardous |
| <b>Carcinogenicity</b>                   | Not listed.              |
| <b>Reproductive Toxicity</b>             |                          |
| - <b>Sexual Function and Fertility</b>   | No data                  |
| - <b>Development of Offspring</b>        | No data                  |
| - <b>Effects on or via Lactation</b>     | No data                  |
| <b>Germ Cell Mutagenicity</b>            | No data                  |
| <b>Interactive Effects</b>               | No data                  |
| <b>Other Information</b>                 | No data                  |

### Section 12. Ecological Information

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | Not expected to be harmful to aquatic organisms |
| <b>Persistence and Degradability</b> | Readily degradable                              |
| <b>Bioaccumulative Potential</b>     | Will not accumulate                             |
| <b>Biodegradability</b>              | Expected to be inherently biodegradable         |
| <b>Mobility in Soil</b>              | No data,  |
| <b>Special Remarks</b>               | None  |
| <b>Other Adverse Effects</b>         | Not applicable                                  |

### Section 13. Disposal Considerations

|                                |  |
|--------------------------------|--|
| <b>Disposal Considerations</b> | Dispose of in accordance with local, provincial and federal regulations. |
|--------------------------------|--|

### Section 14. Transport Information

|                                   |                |
|-----------------------------------|----------------|
| <b>UN Number</b>                  | None           |
| <b>UN Proper Shipping Name</b>    | None           |
| <b>Transport Hazard Class(es)</b> | None           |
| <b>Packaging Group</b>            | None           |
| <b>Environmental Hazards</b>      | Not applicable |
| <b>Bulk Transport</b>             | Not applicable |
| <b>Special Precaution</b>         | Not applicable |

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|                 |                |
|-----------------|----------------|
| <b>DOT Erg#</b> | Not applicable |
|-----------------|----------------|

| <b>Section 15. Regulatory Information</b> |   |
|---|---|
| <b>Canada – DSL Inventory</b>             | All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt |
| <b>TSCA</b>                               | All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt                   |
| <b>Additional Information</b>             | None  |

| <b>Section 16. Other Information</b>  |   |
|---|---|
| <b>NFPA Rating</b>  | Health-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable     |
| <b>HMIS Rating</b>  | Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8. |
| <b>Prepared by:</b>   | Chemfax Products Ltd., Technical Department                             |
| <b>Date Prepared:</b>   | 26 August, 2011   |
| <b>Date of Latest Revision:</b>   | 10 July, 2017   |
| <b>Disclaimer</b>   |   |
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