



## Safety Data Sheet - Coolube® 2300HD

Version 1.0 | Date: 06/01/15

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

**Product Name:** Coolube® 2300HD  
**Other Identifier:** RBD Canola Oil  
**Recommended Use:** Metal Working Lubricant

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Identified Uses:** Environmentally friendly lubricant  
**Uses Advised Against:** None known

#### 1.3 Details of the Supplier of the Safety Data Sheet

**Company Name:** UNIST, Inc.  
**Address:** 4134 36th Street SE  
Grand Rapids, MI 49512  
**Telephone Number:** (800) 253.5462 alternatively (616) 949.0853  
**Fax Number:** (616) 949.9503  
**Email Address:** salessupport@unist.com

#### 1.4 Emergency Telephone Number

**Emergency Number:** (800) 253.5462  
**Hours of Operation:** Monday thru Friday, 8:30 am - 5:00 pm

**SDS Date of Preparation:** June 1, 2015

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture

**US Hazard Classification (29CFR 1910.1200-2012):** This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard.

**GHS/EU CLP Classification (No 1272/2008):** Not classified as a hazardous substance.

**GHS Classification:**

**Physical Hazard:** Not classified as hazardous substance.  
**Health Hazard:** Not classified as hazardous substance.  
**Environmental Hazard:** Not classified as hazardous substance.

**2.2 Label Elements****No Labeling Required****GHS Label Element**

|                                 |  |
|---------------------------------|--|
| <b>Hazard Symbol:</b>           | Not classified as hazardous substance. |
| <b>Signal Word:</b>             | Not classified as hazardous substance. |
| <b>Hazard Statement:</b>        | Not classified as hazardous substance. |
| <b>Precautionary Statement:</b> | Not classified as hazardous substance. |

**2.3 Other Hazards**

**PBT:** This product is not identified as a PBT substance or mixture.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substance**

| Chemical Name  | CAS#        | EINECS#     | EU Classification (67/548/EEC) and (1272/2008) | %   |
|----------------|-------------|-------------|--|-----|
| RBD Canola Oil | Proprietary | Proprietary | Not classified as hazardous                    | 100 |

No ingredients are hazardous according to OSHA criteria. No components need to be disclosed according to the applicable regulations.

See Section 16 for further information on EU and GHS Classification.

**SECTION 4: FIRST AID MEASURES****4.1 Description of First Aid Measures**

|                      |   |
|----------------------|---|
| <b>Eye Contact:</b>  | Flush with generous amounts of temperate water for a minimum of 15 minutes. Seek medical attention if irritation occurs.            |
| <b>Skin Contact:</b> | Wash with soap and water. Seek medical attention if irritation occurs.  |
| <b>Ingestion:</b>    | Drink moderate amounts of water or milk. Do not induce vomiting. Contact medical professional if any adverse reactions are noticed. |
| <b>Inhalation:</b>   | Remove to fresh air. Get medical attention if irritation persists.  |

**4.2 Most Important Symptoms/Effects, Both Acute and Delayed:**

|                      |   |
|----------------------|---|
| <b>Eye Contact:</b>  | There may be irritation and redness.  |
| <b>Skin Contact:</b> | There may be mild irritation at the site of contact.                            |
| <b>Ingestion:</b>    | There may be soreness and redness of the mouth and throat.                      |
| <b>Inhalation:</b>   | There may be irritation of the throat with a feeling of tightness in the chest. |

**4.3 Indication of Immediate Medical Attention and Special Treatment Needed:**

**Immediate/Special Treatment:** Not applicable. Immediate treatment is not required.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Extinguishing Media:**

Use water fog/spray, dry chemical powder, carbon dioxide, foam, sand/earth, use water spray to cool containers.

**5.2 Special Hazards Arising from the Substance or Mixture**

**Unusual Fire and Explosion Hazards:** Not considered flammable but will burn under fire conditions. In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

**5.3 Special Protective Actions for Fire-Fighters:**

**Special Fire Fighting Procedures:** Treat as an oil or fat fire. Do not use heavy stream of water. Burning material may float or splatter surrounding area and spread fire. Cool fire exposed containers with water.

**Fire Fighting Equipment:** As in any fire, wear positive pressure, self-contained breathing apparatus and full protective gear.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent escape of liquid.

**6.2 Environmental Precautions**

**Environmental Precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Report spills and releases as required to appropriate authorities.

**6.3 Methods and Material for Containment and Cleaning Up**

**Small Spills:** Stop spill at source, dike area of spill to prevent spreading. Absorb liquid with an absorbent material and place in a disposal container. Wash area with hot soapy water. Use caution. Spill area will be slippery.

**Large Spills:** Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb remaining liquid with an absorbent material and place in a disposal container. Wash floors with hot soapy water to prevent slipping. Use caution. Spill area will be slippery.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for Safe Handling**

**Handling Requirements:** Avoid mist formation. Use with adequate ventilation. Avoid contact with eyes. Wear recommended personal protective equipment. Wash thoroughly after handling. Keep product away from heat, sparks and flames. Keep containers closed when not in use. Never use pressure to empty drums. If material is hot, take precautions against thermal burns.

**7.2 Conditions for Safe Storage, Including any Incompatibilities**

**Suitable Packaging:** Corrosion resistant bulk tanks, IBC, steel drums. Store in a dry area away from heat or sparks and direct sunlight. Maintain good ventilation in storage area.

**Storage Conditions:** Storage temperature +41°F (+5°C) to +104°F (+40°C). Store in closed container, preferably as delivered. Keep containers closed when not in use. Storage stability is at least 12 months. Lined or unlined steel drums are suitable for storage.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control Parameters:**

| Chemical Name  | Exposure Limits  |
|----------------|------------------|
| RBD Canola Oil | None Established |

**DNEL/PNEC:** No data available

**8.2 Appropriate Engineering Controls**

**Engineering Measures:** Exposure should be minimized preferably with technical measures rather than personal protective equipment. Ensure there is sufficient ventilation of the area.

**8.3 Individual Protection Measures**

**Respiratory Protection:** Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand/Skin Protection:** Impermeable gloves recommended. (e.g. Neoprene, PVC, or rubber gloves). Use lined, thermally protective gloves for handling hot material.

**Eye Protection:** Chemical safety goggles recommended if needed to avoid eye contact.

**Protective Clothing:** Wear a work uniform or tyvek suit if needed to avoid contamination of personal clothing. Wear thermally protective clothing when working with hot material.

**Work Hygienic Practices:** Remove contaminated clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling product or clothing containing residual.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on Basic Physical and Chemical Properties**

|  |                                 |
|--|---------------------------------|
| <b>Appearance:</b>                                   | Colorless to pale yellow liquid |
| <b>Odor:</b>   | Mild                            |
| <b>Odor Threshold:</b>                               | No data available               |
| <b>pH:</b>   | No data available               |
| <b>Melting Point/Freezing Point:</b>                 | 5°F (-15°C)                     |
| <b>Initial Boiling Point and Boiling Range:</b>      | No data available               |
| <b>Flash Point (PMCC):</b>                           | Approximately 600°F (315°C)     |
| <b>Evaporation Rate:</b>                             | No data available               |
| <b>Flammability (Solid, Gas)</b>                     | No data available               |
| <b>Upper/Lower Flammability or Explosive Limits:</b> | No data available               |
| <b>Vapor Pressure:</b>                               | >1mmHG @ 77°F (25°C)            |
| <b>Vapor Density:</b>                                | No data available               |
| <b>Specific Gravity:</b>                             | 0.91 – 0.93                     |
| <b>Water Solubility:</b>                             | Negligible at room temperature  |
| <b>Partition Coefficient, N-Octanol/Water:</b>       | No data available               |
| <b>Autoignition Temperature:</b>                     | No data available               |
| <b>Decomposition Temperature:</b>                    | >600°F (>315°C)                 |
| <b>Viscosity:</b>                                    | No data available               |
| <b>Explosive Properties:</b>                         | No data available               |
| <b>Oxidizing Properties:</b>                         | No data available               |

**SECTION 10: STABILITY AND REACTIVITY**

|   |   |
|---|---|
| <b>10.1 Reactivity:</b>                         | Not reactive. Stable under recommended transport or storage conditions.   |
| <b>10.2 Chemical Stability:</b>                 | Stable under normal conditions.   |
| <b>10.3 Possibility of Hazardous Reactions:</b> | Hazardous reactions will not occur under normal transport and storage conditions. Reaction with strong oxidizers may generate heat and cause fires. |
| <b>10.4 Conditions to Avoid:</b>                | Keep away from heat, sparks, flames and other sources of ignition.  |
| <b>10.5 Incompatible Materials</b>              |   |
| <b>Materials to Avoid:</b>                      | Strong oxidizing agents. Strong acids.  |
| <b>10.6 Hazardous Decomposition Products:</b>   |   |
| <b>Haz. Decomp. Products:</b>                   | In combustion, emits toxic fumes of carbon dioxide/carbon monoxide. No carcinogenic products of combustion.   |

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on Toxicological Effects**

|   |   |
|---|---|
| <b>Acute Toxicity:</b>                                      | No data available   |
| <b>Inhalation:</b>  | No data available   |
| <b>Dermal:</b>  | No data available   |
| <b>Skin Corrosion/Irritation:</b>                           | No data available   |
| <b>Serious Eye Damage/Eye Irritation:</b>                   | No data available   |
| <b>Respiratory or Skin Sensitization:</b>                   | No data available   |
| <b>Germ Cell Mutagenicity:</b>                              | No data available   |
| <b>Carcinogenicity:</b>                                     | IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| <b>ACGIH:</b>   | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.                  |
| <b>NTP:</b>   | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                       |
| <b>OSHA:</b>  | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.                   |
| <b>Reproductive Toxicity:</b>                               | No data available   |
| <b>Specific Target Organ Toxicity<br/>-Single Exposure:</b> | No data available   |
| <b>Aspiration Hazard:</b>                                   | No data available   |
| <b>Additional Information:</b>                              | RTECS: Not available  |

**SECTION 12: ECOLOGICAL INFORMATION**

|  |   |
|--|---|
| <b>12.1 Toxicity:</b>                              | No specific data is available. Not expected to be toxic to aquatic organisms. |
| <b>12.2 Persistence and Degradability:</b>         | No data available.  |
| <b>12.3 Bioaccumulative Potential:</b>             | No bioaccumulative potential.   |
| <b>12.4 Mobility in Soil:</b>                      | No data available.  |
| <b>12.5 Results of the PBT and vPvB assessment</b> |   |
| <b>PBT Identification:</b>                         | This product is not identified as a PBT substance.                            |
| <b>12.6 Other Adverse Effects:</b>                 | No data available.  |

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal Operations:</b>   | Transfer to a suitable container and arrange for collection by specialized disposal company. Dispose in accordance with all applicable national environmental laws and regulations.   |
| <b>Disposal of Packaging:</b> | Arrange for collection by specialized disposal company.   |
| <b>NB:</b>                    | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.   |
| <b>General Comments:</b>      | It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste. Do not dispose of by means of sinks, drains, or in the immediate environment. Obtain consent of pollution control authorities before discharging to wastewater treatment plants. |

**SECTION 14: TRANSPORTATION INFORMATION****14.1 Land Transport (DOT/ADR/RID)**

|                                 |   |
|---------------------------------|---|
| <b>UN Number:</b>               | Not classified as dangerous goods under transport regulation. |
| <b>UN Proper Shipping Name:</b> | Not applicable.   |
| <b>Transport Hazard Class:</b>  | Not hazardous.  |
| <b>Packing Group:</b>           | Not applicable.   |

**14.2 Sea Transport (IMDG Code)**

|                                 |   |
|---------------------------------|---|
| <b>UN Number:</b>               | Not classified as dangerous goods under transport regulation. |
| <b>UN Proper Shipping Name:</b> | Not applicable.   |
| <b>Transport Hazard Class:</b>  | Not hazardous.  |
| <b>Packing Group:</b>           | Not applicable.   |

**14.3 Air Transport (IATA)**

**UN Number:** Not classified as dangerous goods under transport regulation.  
**UN Proper Shipping Name:** Not applicable.  
**Transport Hazard Class:** Not hazardous.  
**Packing Group:** Not applicable.

**14.4 Inland Waterways Transport (IATA)**

**UN Number:** Not classified as dangerous goods under transport regulation.  
**UN Proper Shipping Name:** Not applicable.  
**Transport Hazard Class:** Not hazardous.  
**Packing Group:** Not applicable.

**14.5 Transport in Bulk (Annex II of MARPOL 73/78 and the IBC Code)**

**Product Name:** Not applicable.  
**Ship Type:** Not applicable.  
**Pollution Category:** Not applicable.

**14.6 Special Precautions for User:** None

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**US Regulations**

**EPA SARA 311/312**

**Hazard Classification:** Not hazardous.

**EPA SARA 313:**

This product contains the following chemicals subject to annual release reporting requirements under SARA Title III, Section 313 (40 CFR 372): None.

**EPA SARA 302/304:**

No listed chemicals are present.

**Protection of Stratospheric Ozone:**

This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA Section 103:**

This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:**

This product is not known to contain chemicals regulated under Proposition 65.

**Canadian Regulations:**

Canadian WHMIS: Not a controlled product.  
 This product has been classified in accordance with the hazard criteria in the CPR and the SDS contains all the information required by the CPR.



Symbols: None.  
Risk Phrases: None.  
Safety Phrases: None.

No labeling required according to EU Regulations.

Superfund Amendments and Reauthorization Act of 1986 (SARA) title III requires submission of annual reports of toxic chemicals that appear in 40 CFR 372 (SARA 313). This information must be included in all SDS's that are copied and distributed for this material. Components present in the product at a level which could require reporting under the statute are: None.

**15.2 Safety, Chemical Safety Assessment:** Not Required

## SECTION 16: OTHER INFORMATION

### **16.1 Other Information:**

Coolube® 2300HD is a neat metalworking oil with superior lubricating properties. The product is based on vegetable oils and natural esters and should be used undiluted in, for example, minimal lubrication applicators. This product (or components, if a mixture) has not been found to be a carcinogen or potential carcinogen by IARC; is not listed in the NTP Third Annual Report; nor is it regulated by OSHA as a carcinogen.

### **Legal Disclaimer:**

The information presented herein has been compiled from sources considered by the company, in good faith, to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating thereto or for advising you regarding the protection of your employees, customers, or others. Users should make their own tests to determine the applicability of such information or suitability of any products of specific use.

### **HMIS Rating:**

Health: 0  
Flammability: 0  
Physical Hazard: 0

### **NFPA Rating:**

Health: 0  
Fire: 0  
Reactivity: 0

Revision History: Update to GHS format.  
Date: 06/01/15