

Issue Date: 28-Aug-2014

Revision Date: 22-Jul-2016

Version 2

1. IDENTIFICATION

Product Identifier Roto-Kut™ Wax Lubricant
Product Name

Other means of identification

SDS # 80054, 80055

Recommended use of the chemical and restrictions on use

Recommended Use Cutting Lubricant

Details of the supplier of the safety data sheet

Supplier Address Kimball Midwest
4800 Roberts Road
Columbus Ohio 43228

Telephone Numbers

Company Phone Number 800-233-1294

Emergency Telephone (24 hr) Chemtrec 800-424-9300

2. HAZARDS IDENTIFICATION

Appearance Amber solid

Odor Mild petroleum

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulation (WHMIS 2015)

Signal Word NO SIGNAL WORD

Symbol NO SYMBOL

Hazard Statements NO HAZARD STATEMENTS

Precautionary Statements N/A

Emergency Overview N/A

Hazard Not Otherwise Classified (HNOC) N/A

Supplemental Information none-known

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove from further exposure. Seek medical assistance
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

Most important symptoms and effects

Symptoms	Prolonged contact may cause milk skin and eye irritation. Symptoms may include eye stinging, tearing, redness, blurred vision. Skin redness
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Unsuitable Extinguishing Media	None known.
Combustion Products/ Specific Hazards	Not determined.
Protective equipment / Precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin or eyes. See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas. See SECTION 12 for Ecological Information.
Methods for Clean-Up	Sweep up absorbed material and shovel into suitable containers for disposal. If the product contaminates rivers and lakes or drains inform respective authorities. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal.

7. HANDLING AND STORAGE

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements.
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).
Incompatible Materials	None-known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	No exposure limits noted for ingredient(s)
Appropriate Engineering Controls	Not determined.
Personal Protective Equipment	
Eye/Face Protection	If contact is likely, safety glasses are recommended.
Skin and Body Protection	Wear suitable protective clothing and chemical resistant gloves.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid	Odor	Mild petroleum
Appearance	Opaque	Odor Threshold	Not determined
Color	Yellow		
Property	Values	Remarks • Method	
pH	N/A		
Melting Point/Freezing Range	77.77 °C / 172 °F		
Boiling Point/Boiling Range	> 371.11 °C / > 700 °F		
Flash Point	> 212.77 °C / > 415 °F		
Evaporation Rate	< 1.0	(butyl acetate = 1)	
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Density	Not determined	(Air=1)	
Specific Gravity	0.75-0.85	(1=Water)	
Water Solubility	N/A		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Viscosity	N/A		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
VOC Content (%)	Not determined		

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under recommended storage conditions or normal processing.
Conditions to Avoid	Incompatible materials

Incompatible Materials	None-known
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Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire.
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11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause temporary or minor irritation on eye contact.
Skin Contact	Prolonged contact may cause temporary or minor irritation.
Inhalation	No data available
Ingestion	May cause gastrointestinal irritation or diarrhea.

Information on toxicological effects

Carcinogenicity	This product is not expected to be carcinogen by IARC, ACGIH, TP, or OSHA
Numerical measures of toxicity	Not determined

<u>Further Information</u>	Not determined.
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12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expect to be harmful to aquatic organisms.
Persistence/Degradability	Not inherently bio-gradable.
Bioaccumulation	Not determined
Mobility	Not determined
Other Adverse Effects	Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
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DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

All component(s) are listed

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***WHMIS Hazard Classification**

Non-controlled

US Regulations***EPCRA – Emergency Planning and Community Right-to-Know Act*****CERCLA Reportable Quality**

This material does not contains a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

SARA 311/312 Hazardous Chemical

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

SARA 313

This product does not contain any chemical(s) regulated under the Section 313 Title III of the Superfund Amendments and Reauthorization Act

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

Issue Date:

28-Aug-2014

Revision Date/Note

22-Jul-2016 in compliance with OSHA and WHMIS

Last Review:

05-Feb-2018

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

End of Safety Data Sheet