


Safety Data Sheet

ROCOOL

SECTION I - IDENTIFICATION

	Rothenberger 7130 Clinton Road Loves Park, IL 61111 (800) 454-7698 Outside US (352)323-3500 :..... (800) 535-5035
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Product Number	ROCOOL
Product Name	ROCOOL
Chemical Family	Cutting Oil
CAS Number	Multiple
Date Prepared	8/29/2017
Revision Number	8/29/2017
Recommended Use	Industrial Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Not a Hazardous Substance or Mixture

No Hazards

GHS LABEL:

Hazard Statements

NC Not a Hazardous Substance or Mixture

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Precautionary Statements

NC Not a Hazardous Substance or Mixture

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Chlorinated paraffins	61788-76-9	1 - 5	Not Established	Not Established
Naphthenic Hydrotreated Distillate	64742-52-5	70 - 100	5 mg/m3 (Mist)	5 mg/m3 (Mist)
Sulfurized Lard	68990-81-8	5 - 15	Not Established	Not Established

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO2, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards: No unusual fire hazards known. Combustible liquid.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep all sources of ignition and hot metal surfaces away from spill or release.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- NFPA Class III B storage.
- Do Not cut or weld on empty or full drums.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Chlorinated paraffins	61788-76-9	Not Established	Not Established
Naphthenic Hydrotreated Distillate	64742-52-5	5 mg/m3 (Mist)	5 mg/m3 (Mist)
Sulfurized Lard	68990-81-8	Not Established	Not Established

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Follow accepted work and hygiene practices for handling combustible product.

Personal Protective Equipment (PPE)

Eye Protection: Recommend goggles or approved OSHA device with side shields.

Skin Protection: Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas devoid of proper ventilation, and the chemical exposure is above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Dark Brown Liquid
Odor	Bland Petroleum
pH@25°C	N/App
Melting/Freezing Point	N/Av
Flashpoint	350°F COC
Specific Gravity	0.9159
Solubility	Negligible
Auto-Ignition Temperature	N/Av
Decomposition Temperature	N/Av
VOC Content	0
Odor Threshold	N/Av
Boiling Range	350-610°F
Evaporation Point	< 1 (n-Butyl Acetate = 1)
Flammable Limits - Upper	N/Av
Flammable Limits - Lower	N/Av
Vapor Pressure	0 mm Hg @ 20°C
Vapor Density (Air=1)	>1
Viscosity	23.38 cSt @ 40 C

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None

Hazardous Decomposition/Byproducts: CO and CO₂

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Strong oxidizers

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: May cause irritation to the upper respiratory tract and CNS depression.

Eye Contact: May cause eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin. No harmful effects from skin adsorption are expected.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

Toxicity:

Component Name	LD50	LC50
Chlorinated paraffins	Not Established	Not Established
Naphthenic Hydrotreated Distillate	Not Established	Not Established
Sulfurized Lard	Not Established	Not Established

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not Regulated

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
N/A	N/A	N/A	N/A	N/A

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 1

HMIS Reactivity: 0

Additional: