

MATERIAL SAFETY DATA SHEET

MATERIAL IDENTIFICATION

Common name: Router Bit Lubricant RBL™ [Rockler SKUs: 24522, 28280, 29052, 28445](#)

Chemical families: Water based lubricant

Hazardous components: None of the components in this mixture are regulated as being hazardous by OSHA under 29 CFR Part 1910.

Manufacturer: Empire Manufacturing Inc.
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Greenbrae, Ca 94904

Phone/fax number: (707) 837-9258 / 707-837-9373 (medical, transport, and general information)

PHYSICAL DATA

Boiling point: 100 degrees centigrade

Vapor pressure: 17 mmHg at 20 degrees centigrade

Specific gravity: 1.0

Solubility in water: Soluble

Appearance: Milky solution

HAZARDOUS REACTIVITY

Stability: Material is stable.

Incompatibility: Incompatible with strong oxidizing agents

Decomposition: Toxic byproducts of combustion (carbon monoxide & carbon dioxide)
May be emitted during fire

Polymerization: Will not occur.

FIRE AND EXPLOSION DATA

Flash point: Will not burn **Autoignition:** Not determined

Flammable limits: Not applicable **Autodecomposition:** Not determined

Extinguishing media: Water spray, foam, dry chemical, and carbon dioxide.

Special fire fighting procedures: None

HEALTH HAZARD INFORMATION

Ingestion: May cause irritation to the mouth and throat, abdominal discomfort, nausea, vomiting and diarrhea.

Skin contact: No evidence of harmful effects.

Eye contact: Mixture may cause mild eye irritation.

Carcinogenicity: None of the components in this mixture are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

Medical conditions aggravated by overexposure: None

FIRST AID

Ingestion: If patient is fully conscious, give two glasses of water. Do not induce vomiting due to the hazard of aspirating the material in to the lungs is considered a greater danger than swallowing the material.

Skin contact: Wash skin with soap and water.

Inhalation: If any negative symptoms develop, remove to fresh air immediately.

Eye contact: Immediately flush eyes with water for 15 minutes.

SAFETY AND PROTECTION INFORMATION

- Respiratory protection:** None expected to be needed. However, where misting may occur, wear adequate respiratory protection.
- Ventilation:** General room ventilation is expected to be satisfactory. Local exhaust may be necessary if product is vented.
- Protective gloves:** Not required
- Precautions for handling and storage:** Store in a cool location (60-90 degrees F) away from sunlight and sources of heat. Keep container tightly closed when not in use.
- Eye Protection:** When misting or splashing occurs.

DISPOSAL INFORMATION

- Spill, leak or release:** Wear protective equipment. Floor may be slippery; use caution to avoid falling. Contain spills immediately using inert absorbent materials. Avoid discharge into natural waters. Transfer liquids and solid diking materials to suitable containers for recovery and disposal.
- Waste Disposal:** Recover into approved containers or remove to permitted waste disposal facility. Comply with Federal, State, and local regulations.

ABOUT THIS MSDS

The data in this MSDS relates to Empire water based cutting lubricants. Although reasonable care has been taken in preparing this document, Empire extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein, and assumes no responsibility regarding the suitability of this information for the user's intended purpose(s) or for the consequences of its use. Individuals should determine the suitability of this information for their particular purpose.

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