

Safety Data Sheet

2/1/2024

SECTION 1: IDENTIFICATION

Product Name:

Manufacturer: The M. K. Morse Company
1101 11th Street SE
Canton, OH 44707

Information Phone Number: (330) 453-8187

Fax: (330) 453-1111

Emergency Phone Number: (330) 453-8187

Product Use: Metalworking lubricant/coolant for cutting metals

Restriction on Use: None known

SDS Date of Preparation: 2/1/2024

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification (Hazcom-2012):

Physical	Health
Not Hazardous	Not Hazardous

Labeling Elements: None required

Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Crystalline Silica, Quartz*	14808-60-7	<1

*Inextricably bound in product chemical matrix.

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of water. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: If large amounts ingested, seek medical attention.

Most Important symptoms and effects, both acute and delayed: May cause slight eye and skin irritation. Inhalation of vapors or mist may cause respiratory irritation.

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Indication of any immediate medical attention and special treatment needed: Immediate medical attention generally not required.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Use media that is suitable for the surrounding fire.

Special Hazards Arising from the Chemical: This product is not classified as combustible. Thermal decomposition may yield oxides of carbon and unidentified compounds.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Because of its viscous nature, this product is not expected to leak or spill. Collect any liquid spill with an inert absorbent material, scoop up and place into a suitable container for disposal. Clean area thoroughly.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact. Avoid inhalation of vapor or mist. Do not transfer to unlabeled containers.

Conditions for Safe Storage, Including any Incompatibilities: Store at room temperature away from extreme heat or cold. Keep away from strong oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Crystalline Silica, Quartz*	0.05 mg/m3 TWA OSHA PEL (respirable dust) 0.025 mg/m3 TWA ACGIH TLV (respirable)

*Inextricably bound in product chemical matrix. No inhalation exposure can occur.

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures. If the product is used at high temperatures, local exhaust ventilation may be required.

Individual Protection Measures:

Respiratory Protection: None under normal use conditions. In operations where exposures are excessive, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid skin contact.

Eye Protection: Safety glasses or goggles recommended where needed to avoid eye contact.

Other Protective Equipment / Clothing: None required.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: semi paste	Vapor Density (air = 1): Not available
Odor: Slight almond odor	Specific Gravity: 1.0365
Odor Threshold: Not established	Water Solubility: Dispersable
pH: 6.0-6.5	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: 0°C (32°F)	Autoignition Temperature: Not available
Boiling Point: 107.22° (225°F)	Decomposition Temperature: Not available
Flash Point: Not available	Viscosity: Not available
Evaporation Rate: Not available	Explosion Properties: Not explosive
Flammable Limits: LEL: Not established UEL: Not established	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	Flammability (solid, gas): Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Extreme heat and freezing.

Incompatible Materials: Keep away from strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and other unidentified compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause mild irritation.

Skin: Prolonged contact may cause mild irritation and drying of the skin.

Inhalation: No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause mild respiratory irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Chronic Hazards: None known.

Carcinogen Status: Crystalline silica, quartz is listed by IARC as "Carcinogenic to Humans: (Group 1); "Known to Be a Human Carcinogen" by NTP; and an OSHA listed carcinogen. Crystalline silica is only carcinogenic in respirable form. The crystalline silica, quartz in this inextricably bound within a chemical matrix and no respirable exposure can occur. None of the other components of this product are listed as carcinogens by OSHA, IARC, or NTP.

Acute Toxicity Values:

Components are not acutely toxic.

SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity:

No data available. This product is not expected to be harmful to the environment

Persistence and Degradability: Product is degradable. Unsealed will begin to degrade rapidly.

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name: Not regulated

DOT Technical Name: None

DOT Hazard Class: None

UN Number: None

DOT Labels Required (49CFR172.101): None

IMDG Shipping Description: Not regulated

ID Number: None

Hazard Class: None

Packing Group: None

Labels Required: None

Marking Required: None

Placards Required: None

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Refer to Section 2 of this SDS.

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None.

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65: This product contains crystalline silica, quartz which is known to the state of California to cause cancer. However, the crystalline silica, quartz is inextricably bound within the chemical matrix of the product and no exposure can occur. This product does not require a California Proposition 65 warning.

Canadian Environmental Protection Act: All of the components of this product are listed on the Domestic Substances list (DSL).

SECTION 16: OTHER INFORMATION

Revision Summary: New SDS

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SDS Date of Preparation/Revision: 2/1/2024

Supersedes SDS Date: N/A

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