

Material Safety Data Sheet

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SECTION I

PRODUCT IDENTIFICATION

PRODUCT NAME: FC-100 CONCENTRATE **APPLICATION:** Metal cutting
CHEMICAL DESCRIPTION: Formulated Metal Removal Lubricant

SECTION II INGREDIENT

HAZARDOUS INGREDIENTS LISTED HAZARD CAS NO.

Severely Hydrotreated Heavy
Naphthenic Petroleum Oil

TLV/mists

64742-52-5

SECTION III

PHYSICAL DATA

BOILING POINT: 212 F

SOLUBILITY IN WATER: Dispersible

VAPOR PRESSURE: (mm Hg) n/m

SPECIFIC GRAVITY: (water = 1) 0.95

VAPOR DENSITY: Heavier than air

pH: 8 - 10

EVAPORATION RATE: Slower than butyl acetate

APPEARANCE AND COLOR: Viscous, white liquid, petroleum odor

SECTION IV

FIRE HAZARD DATA

FLASH POINT: n/m

FLAMMABLE LIMITS: (vol%) n/a

METHOD USED: n/a

LFL: n/a

EXTINGUISHING MEDIA: Any ordinary

UFL: n/a

SPECIAL FIRE FIGHTING PROCEDURE: None

UNUSUAL FIRE HAZARD: None

SECTION V

REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Strong oxidizing agent

REACTIVITY IN WATER: n/a

n/a: not applicable

n/m: not measured

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**SECTION VI
PROCEDURES**

SPILL, LEAK AND DISPOSAL

ACTION FOR SPILL: Recover as much as possible for reuse.

DISPOSAL METHOD: Treat as oil. Disposal method should conform to local regulation.

OTHER PRECAUTIONS: Spilled lubricating compounds may be slippery on the floor.

SECTION VII

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Mineral Oil: 5 mg/m³ in air as oil mist. OSHA PEL: 5 mg/m³.

PRECAUTIONARY STATEMENT: May cause eye and skin irritation

EYE CONTACT: Can cause eye irritation

SKIN CONTACT: Prolonged contact can cause defatting and irritation

RESPIRATORY: As for oil mist

INGESTION: May cause nausea, gastrointestinal irritation.

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known

INGREDIENTS LISTED AS CARCINOGEN: None listed

SECTION VIII

FIRST AID PROCEDURES

EYES: Flush with large amounts of water. Seek medical attention

SKIN: Wash with water, if irritation persists, seek medical help

RESPIRATORY: Move to fresh air. If necessary give oxygen and seek medical attention

INGESTION: Consult a physician

SECTION IX

SPECIAL HANDLING INFORMATION

VENTILATION: Equivalent to outside

RESPIRATORY PROTECTION: Not normally required

EYE PROTECTION: Safety glasses or goggles are always recommended

GLOVES: Plastic or rubber as used for washing

PROTECTIVE CLOTHING: Clean work clothes

SECTION X

ADDITIONAL INFORMATION

STORAGE AND HANDLING: Store in a dry area at temperatures above freezing. Use chemical goggles and gloves when transferring concentrates. Store away alkaline materials.

NOTICE: The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make his own determination of the suitability thereof for his particular purpose.