Safety Data Sheet in accordance with Regulation (EU) No. 453/2010 and OSHA 29 CFR 1910.1200 HCS

MONROE SWISS OIL NG 500R

1. Identification of the Substance/ Mixture and of the Company/ Undertaking

Product Name: MONROE SWISS OIL NG 500R ***Formerly marketed as Navi-Guard Thermocut 500R***

Preparation Date: January 18, 2018 **Revision Date:**

Recommended Use: Metalworking Fluid

Supplier: MONROE FLUID TECHNOLOGY
36 Draffin Road,
Hilton, NY 14468

Phone: 800-828-6351 585-392-3434
EMERGENCY NUMBERS: CHEMTREC (800) 424-9300 Monroe Fluid Technology (800) 828-6351

2. Hazards Identification

GHS Classification: Not classified as hazardous

GHS Labeling:

Symbols: None

Signal Word: None

Precautionary Statements: None

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] and OSHA 29 CFR 1910.1200 HCS: Not classified as hazardous

Other Hazards Not Classified: No significant hazards

3. *Composition/Information on Ingredients*

Mixture: Petroleum hydrocarbon oils and additives.

Chemical Name	CAS Number	Concentration, Wt. %
Base oils	Varies	Trade secret

4. First Aid

Inhalation: If inhaled, move to fresh air. If victim has stopped breathing give artificial respiration, preferably, mouth to mouth. Contact a physician immediately.

Eyes: Flush with large amounts of cold water for at least 15 minutes. Do not let victim rub eyes. If irritation develops, contact a physician immediately.

Ingestion: Do not induce vomiting. Contact a physician immediately.

Skin: Wash affected area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use. Contact a physician if irritation develops

5. Fire-fighting Measures

Suitable extinguishing media: Use no water. Treat as an oil fire. Use carbon dioxide, foam, sand or sodium bicarbonate

Specific hazards: None

Specific protective equipment and precautions for fire fighters: Isolate fire area and deny unnecessary entry. Use dry chemical, alcohol foam or carbon dioxide. Water may be ineffective but should be used to keep fire exposed containers cool. Water spray may be used only to keep fire exposed containers cool, protect personnel attempting to stop leak and disperse vapors.

Unusual Fire and Explosion Hazards: None

Flammability Properties:

Flash point: >230°F/110º C.
Method Used: COC

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Ensure adequate ventilation.

Environmental Precautions: Do not allow spilled material to enter sewers or streams. If material is released, indicate that there is a risk of slipping in the area. If spills are likely to enter any drain, waterway or groundwater, contact the appropriate governmental agency.

Methods and materials for containment: Add dry material to absorb (if large spill, dike to contain). Using recommended protective equipment, pick up bulk of spill and containerize for recovery or disposal. Flush area with water to remove residues.

7. Handling and Storage

Precautions for safe handling: Prevent small spills and leakage to avoid slip hazard. Avoid contact with skin, eyes and clothing. Keep out of the reach of children.

Conditions for safe storage: Store in closed containers in a cool, dry well ventilated area not exposed to sunlight. Maintain closure of bungs. Do not reuse container. Avoid container damage while storing. Do not allow material to be stored below 0°C. Do not allow material to freeze.
Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, bronze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Do not attempt to refill containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged and returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner in accordance with governmental regulations.

8. Exposure Controls/Personal Protection

Control parameters:

Exposure Guidelines: Base oil (as mist): OSHA PEL: 5mg/m^3

Appropriate engineering controls: Proper protection and controls is dependent upon the potential exposure conditions. No special requirements are needed under ordinary conditions where adequate ventilation is available.

Individual protective measures:

Respiratory protection: General room ventilation should be satisfactory. Exhaust ventilation may be necessary if misting is generated.

Eye protection: Safety glasses with shields or chemical goggles are required. Contact lenses should not be worn if the product could be splashed into the eyes.

Hand protection: Rubber gloves are recommended for single, short duration exposures and for prolonged or repeated exposures.

Body protection: For single, short duration and for prolonged or repeated exposures to the skin, wear impervious, protective clothing including rubber safety shoes to avoid skin contact.

9. Physical and Chemical Properties

Appearance: Clear red liquid
Odor: Bland
Odor Threshold: N/A
pH : @ 5% in water: Not applicable
Melting point/freezing point: N/D
Initial boiling point and boiling range: N/D
Flash Point (PMCC): >230°F/110º C.
Evaporation Rate: N/D
Flammability (Solid, Gas): N/D
Upper/lower flammability or explosive limits: UEL: N/D LEL: N/D
Vapor pressure: Negligible
Vapor density: >1
Relative density: 0.869 +/-0.01
Partition coefficient n-octanol/water: N/A
Autoignition Temperature: No data available
Decomposition Temperature: N/A
Viscosity: 25 cSt@40°C (typical)

10. Stability and Reactivity

Chemical stability: Stable at normal conditions
Possibility of hazardous reactions: Not expected and hazardous polymerization will not occur
Conditions to avoid: Excessive Heat.
Incompatible Materials: None known.
Hazardous decomposition products: Oxides of chlorine, carbon and nitrogen.

11. Toxicological Information

Inhalation: Short-term inhalation of concentrated mist/vapor from product may cause dizziness, nausea and respiratory tract irritation in some individuals. Single exposure to oily mist/vapors is not expected to cause acute toxicity.

Skin: Prolonged or repeated contact may cause mild irritation of the skin.

Eyes: Contact may cause irritation

Oral: Small amounts ingested incidental to normal handling are not likely to cause injury; larger amounts ingested may cause injury. Ingestion may cause nausea.

Systemic (other target organ) Effects: None known

Teratology (birth defects): None known

Reproductive Effects: None known

Mutagenicity (effects on genetic material): None known

Carcinogenicity: IARC: NO NTP: No OSHA: No

12. Ecological Information

Persistence and degradability: Data is not available.

13. Disposal Considerations

Disposal methods: P501: Dispose of contents/ container to an approved waste disposal plant
Dispose of in accordance with federal, state and local regulations

Precaution for disposal: All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with Good Engineering Practices. Comply with all applicable governmental regulations. Avoid landfilling of liquids. Reclaim where possible.

14. Transport Information

US DOT: Not regulated by the US DOT
RID/ADR: Not regulated by RID/ADR
IMO: Not regulated by IMO
IATA: Not regulated by IATA

15. Regulatory Information

US TSCA: In compliance with the inventory
Canada DSL: In compliance with the inventory
Cal. Prop. 65 This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.
SARA (313) TOXIC RELEASE INVENTORY: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
VOC Content (SCAQMD ASTM 1868-10): This product exceeds South Coast Air Quality Management District (SCAQMD) limits for VOC per ASTM E-1868-10 and may not be offered for sale or use within

that district.

16. Other Information

Special Precautions to be Taken in Handling and Storage:

Normal precautions common to good manufacturing practices should be followed in handling and storing. Store away from food. Wash hands before eating, drinking or smoking. Use as directed.

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