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SECTION 1 : Chemical Product and Company Identification

MSDS Name: Dark Thread Cutting Oil Manufacturer Name: Argent, Ltd. Address:

> 11966 Brookfield Livonia, MI 48150

DUNS 08-394-2052

Business Phone: (734) 427-5533 Product Description: Dark Thread Cutting Oil

For information in North America, call: (734) 427-5533 For emergencies in the US, call CHEMTREC: 800-424-9300 Manufacturer MSDS Revision Date: 03-11-05 Supersedes: 03-06-87

Trade Names:

Dark Thread Cutting Oil

Chemical Family: Petroleum Oil HMIS Health Hazard: 1 Fire Hazard: 1 Reactivity: 0 Personal Protection: B UN/NA NUMBER: Not Regulated

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	SECTION 2 : Hazardous Ingredients/Identity Information									
	This product does not contain any hazardous ingredients as defined by Federal									
	Register 29 CFR 1910.1200. It does not contain any known ozone-depleting									

compounds, nor does it contain any known carcinogens.

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SECTION 3 : Physical And Chemical Characteristics

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Physical State/Appearance:

Fluid

Color:

Dark amber

Odor:

Mild petroleum odor

Physical State:

Liquid

pH:

Not Applicable

Vapor Pressure:

5 mm Hg @ 60 deg F

Boiling Point:

> 500 deg F

Freezing Point:

< 20 deg F

Solubility:

IN WATER: Insoluble

Specific Gravity:

0.890

Density:

BULK DENSITY: 7.41 lb/gal

Evaporation Point:

(H20=1): < 1

Percent Volatile:

Nil

Pour Point:

< 20 deg F

FlashPoint:

320 deg F

Upper Flammable Explosive Limit:

% B/V: No Data

Lower Flammable Explosive Limit:

% B/V: No Data



SECTION 4 : Fire And Explosion Hazards

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Flash Point: 320 deg F

Flash Point Method:

COC

Upper Flammable or Explosive Limit: % B/V: No Data Lower Flammable or Explosive Limit: % B/V: No Data

Extinguishing Media:

Dry chemical, foam, CO2; Use water spray to keep surrounding containers and surfaces cool.

Hazardous Combustion Byproducts:

COx and/or SOx may be formed

Fire Fighting Instructions:

Use NIOSH-approved self-contained breathing apparatus when firefighting in confined areas. Use extreme caution when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Unusual Fire Hazards:

Dense smoke may be generated while burning as a result of incomplete combustion.

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SECTION 5 : Health Hazards

Applies to All Ingredients:

Route of Exposure:

Skin contact, inhalation of mist

Potential Health Effects:

May result in mild defatting of the skin.

THRESHOLD LIMIT VALUE: 5 mg/m3 as mist PERMISSIBLE EXPOSURE LIMIT: 5 mg/m3 as mist

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SECTION 6 : Emergency And First Aid Procedures

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Eye Contact:

Flush immediately and thoroughly with copious quantities of water until any irritation subsides. If irritation persists, obtain medical assistance.

Skin Contact:

Wash immediately and thoroughly with a mild soap and water. Apply moisturizing lotion if desired. Obtain medical assistance if any irritation persists.

Inhalation:

Move to fresh air. Administer artificial respiration if breathing is difficult. Have trained person administer oxygen if breathing remains difficult. Obtain medical assistance.

Ingestion:

Obtain immediate medical assistance. Induce vomiting only under instruction from a physician. Never administer anything orally to an unconscious or convulsing person.



SECTION 7 : Reactivity Data

Chemical Stability:

Stable under normal storage, handling, and use conditions.

Incompatibilities with Other Materials:

Strong oxidizers

Hazardous Polymerization:

Will not occur

Hazardous Decomposition Products:

Compounds containing sulfur in combination may be generated

SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Contain spill and recover free liquid by pumping or absorption with a suitable material. Clean spill site with a mild detergent and rinse with clean water.

Storage:

Store away from incompatible materials identified in Section 7. Store away from intense heat source or open flame. Keep container closed when not dispensing. Always wear protective apparel as described in Section 9 when dispensing or using product.

Waste Disposal:

Residue from clean-up operations may be considered as hazardous due to the possible presence of other chemicals and therefore subject to specific regulations. Package, store, transport, and dispose of wastes in accordance with all applicable regulations.

Transportation Information:

UN/NA NUMBER: Not Regulated

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SECTION 9 : Control Measures

Ventilation System:

Recommended only if mist concentration exceeds 5 mg/m3

Hand Protection Description:

PROTECTIVE GLOVES: Impervious gloves made from natural or synthetic elastomers are recommended for handling and use.

Eye/Face Protection:

Any device which minimizes the chance of eye contact during handling and use is strongly recommended.

Respiratory Protection:

Recommended only if mist concentration exceeds 5 mg/m3

Other Protective:

Impervious clothing and chemical resistant footwear should be used to minimize chance of skin contact. Discard contaminated apparel which cannot be decontaminated by normal means.

Exposure Limits:

THRESHOLD LIMIT VALUE: 5 mg/m3 as mist PERMISSIBLE EXPOSURE LIMIT: 5 mg/m3 as mist

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SECTION 10 : Other Information

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Applies to all ingredients:

TSCA 8(b): Inventory Status

All components of this product are listed in the Toxic Substances Control Act (TSCA) chemical inventory.

SARA:

SARA Title III Information (40 CFR 370 and 40 CFR 372):

Section 302:

Not listed

Section 304:

Not listed

Section 304 CERCLA RQ: (SUPERFUND): None, as components or mixture Section 313 Toxic Release Form:

Not listed

OSHA 29 CFR 1200:

This product complies with 29 CFR Part 1910, Subpart Z, Toxic and Hazardous Substances. Occupational Safety and Health Administration, (OSHA), 29 CFR 1910.1200 Federal Register 48, 53280-53348 25 November 83.

State:

This product also complies with the State of Michigan Occupational Safely and Health Act 154 of 1974, as amended.

Regulatory Paragraph:

This product does not contain any hazardous ingredients as defined by Federal Register 29 CFR 1910.1200. It does not contain any known ozone-depleting compounds, nor does it contain any known carcinogens.

RCRA HAZARDOUS WASTE NO (40CFR 281.33): Components or mixture are not listed

HMIS:

Health Hazard: 1 Fire Hazard: 1 Reactivity: 0 Personal Protection: B

Label Text:

This product complies with 29 CFR Part 1910, Subpart Z, Toxic and Hazardous Substances. Occupational Safety and Health Administration, (OSHA), 29 CFR 1910.1200 Federal Register 48, 53280-53348 25 November 83. This product also complies with the State of Michigan Occupational Safely and Health Act 154 of 1974, as amended. All components of this product are listed in the Toxic Substances Control Act (TSCA) chemical inventory.

MSDS Revision Date:

03-11-05 Supersedes: 03-06-87

Disclaimer:

NON-WARRANTY: Due to a variety of factors and conditions which affect results, Argent Limited offers its products with no warranty of any kind, either expressed or implied, as to results obtained or to the effects derived from such use. Argent guarantees only as to formulated quality upon shipment from its plant.

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