

OATEY DARK CUTTING OIL

Latest Revision Date...06/06/00

Section 1 IDENTITY OF MATERIAL

TRADE NAME	OATEY DARK CUTTING OIL
PRODUCT NUMBERS	30203, 30204, 30205
FORMULA	Proprietary
SYNONYMS	Thread Cutting Oil

SECTION 2 HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>%</u>	<u>CAS NUMBER</u>	<u>SEC 313</u>
Hydrocarbon Oils	N/A	N/A	No
Sulfur Compounds	N/A	N/A	No
Chlorinated Paraffins	N/A	N/A	No

SECTION 3 KNOWN HAZARDS UNDER 29 CFR 1910.1200

<u>HAZARDS</u>	<u>YES</u>	<u>NO</u>	<u>HAZARDS</u>	<u>YES</u>	<u>NO</u>
Combustible Liquid		X	Skin Hazard	X	
Flammable Material		X	Eye Hazard	X	
Pyrophoric Material		X	Toxic Agent		X
Explosive Material		X	Highly Toxic Agent		X
Unstable Material		X	Sensitizer		X
Water Reactive Material		X	Kidney Toxin		X
Oxidizer		X	Reproductive Toxin		X
Organic Peroxide		X	Blood Toxin		X
Corrosive Material		X	Nervous System Toxin		X
Compressed Gas		X	Lung Toxin		X
Irritant	X		Liver Toxin		X
Carcinogen NTP/IARC/OSHA (see SECTION 6)		X			

SECTION 4 REGULATION

<u>CHEMICAL</u>	<u>TLV (TWA)</u>	<u>PEL</u>	<u>STEL</u>	<u>Hazard Action Level</u>
Petroleum Hydrocarbon Mixture	5 mg/cu m	5 mg/cu m	N/A	N/A

SECTION 5 REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME	Cutting Oil – NOS
DOT HAZARD CLASS	N/A
SHIPPING ID NUMBER	N/A
EPA HAZARDOUS WASTE ID NUMBER	N/A
EPA HAZARD WASTE CLASS	N/A

SECTION 6 EFFECTS OF EXPOSURE

ENTRY ROUTE	INHALE - YES SKIN – YES INGEST – YES EYE - YES
INHALATION	Breathing vapors may cause irritation to the respiratory tract, shortness of breath, burning or tightness in the chest, pulmonary edema, respiratory distress, fatigue and pneumonia.
SKIN	Contact may cause irritation and can be absorbed and cause symptoms listed under INGESTION.
EYE	Exposure to vapors may cause irritation.
INGESTION	May irritate gastrointestinal tract or initiate aspiration.
TARGET ORGANS	Eye, Skin

SECTION 7 EMERGENCY AND FIRST AID PROCEDURES - 303/623-5716 COLLECT

SKIN	Wash thoroughly with soap and water. Seek medical attention if irritation persists.
EYES	Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.
INHALATION	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.
INGESTION	Drink water and call a poison control center or physician immediately. Do not induce vomiting due to danger of aspirating fluid into lungs. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

SECTION 8 PHYSICAL AND CHEMICAL PROPERTIES

NFPA HAZARD SIGNAL	HEALTH 1 STABILITY 0 FLAMMABILITY 1 SPECIAL NONE
BOILING POINT	500 Degrees F / 260 Degrees C
MELTING POINT	N/A
VAPOR PRESSURE	N/A
VAPOR DENSITY (AIR = 1)	N/A
VOLATILE COMPONENTS	N/A
SOLUBILITY IN WATER	Slight
PH	N/A
SPECIFIC GRAVITY	0.93 +/- 0.002
EVAPORATION RATE	< 1
APPEARANCE	Transparent Amber Liquid
ODOR	Hydrocarbon
WILL DISSOLVE IN	N/A
MATERIAL IS	Liquid

SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY	LEL = N/A UEL = N/A
FLASHPOINT AND METHOD USED	325 Degrees F COC
STABILITY	Stable. CONDITIONS TO AVOID: N/A HAZARDOUS DECOMP. PDTS.: CO, CO(2), Sulfur, Chlorine
HAZARDOUS POLYMERIZATION	Will Not Occur. CONDITIONS TO AVOID: N/A
INCOMPATIBILITY/ MAT. TO AVOID	Strong oxidizers and reducers.
SPECIAL FIRE FIGHTING PROCEDURE	Extinguishing media: dry chemical foam, carbon dioxide. Recommend NIOSH/MSHA approved self-contained, pressure demand respirator with protective clothing/treat as oil fire – water spray may be used to keep fire – exposed containers cool combustion can produce acid gases.

SECTION 10 SPILL AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES	Clean up spills promptly, surfaces can become slippery. Treat this as an oil spill. Contain large spills with sand or dirt. After cooling and solidification, scoop up material and place in trash. Prevent product from entering potable or natural water systems.
WASTE DISPOSAL	Dispose of according to local, state, and federal regulations.

SECTION 11 SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	EYES: Normally not required – use chemical goggles if necessary. RESPIRATORY: Normally not needed. For oil mist, use NIOSH listed respirator. GLOVES: If repeated /prolonged skin contact is likely, wear fresh cotton or impervious rubber. OTHER: Use clean clothes. Where splash might occur, use an apron or coveralls.
VENTILATION	GENERAL MECHANICAL: Nothing Special. LOCAL EXHAUST: Follow ACHIA Industrial Ventilation.
PRECAUTIONS	HANDLING & STORAGE: Store away from heat (275 degrees max.) and strong oxidizing agents. Keep containers closed when not in use. Keep out of reach of children and pets.

SECTION 12 MANUFACTURER OR SUPPLIER DATA

FIRM NAME & MAILING ADDRESS	OATEY CO., 4700 West 160th Street, P.O. Box 35906, Cleveland, Ohio 44135
OATEY PHONE NUMBER	(216) 267-7100
EMERGENCY PHONE NUMBER	(303) 623-5716 COLLECT

SECTION 13 DISCLAIMER

*The NTP has proposed listing a similar paraffin with a higher degree of chlorination as a carcinogen. This proposal is based upon long-term feeding studies in rats and mice. The component in this product is a lesser chlorinated paraffin in a small percentage. This combined with the improbability of daily human ingestions in substantial quantities, suggests a low if any risk of human cancer with foreseeable uses of this product.

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, Oatey Company cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability for its use.