



MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone: 1-800-252-5796 Fax: 1-773-227-3705 Web Site: www.blackswanmfg.com E-mail: info@blackswanmfg.com

For any transportation or medical chemical emergencies call:

INFOTRAC

(800) 535-5053 OR (352) 323-3500

24 hours per day - 7 days a week

Product Name: Dark Cutting Oil

Recommended Use: To lubricate and reduce heat generation in the process of threading metal pipes.

SECTION 2 - HAZARD(S) IDENTIFICATION

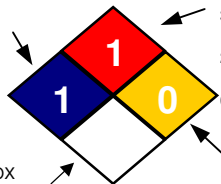
NFPA

HEALTH HAZARD

- 4 Deadly
3 Extreme Danger
2 Hazardous
1 Slightly Hazardous
0 Normal Material

SPECIFIC HAZARD

- Oxidizer OX
Use NO WATER -W
Simple Asphyxiant SA



FIRE HAZARD Flash Points

- 4 Below 73°F (Boiling pt. below 100°F)
3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F
2 Above 100°F, Not exceeding 200°F
1 Above 200°F
0 Will not burn

INSTABILITY

- 4 May detonate
3 Shock and heat may detonate
2 Violent chemical changes
1 Unstable if heated
0 Stable

HMIS

HEALTH 1

FLAMMABILITY 1

REACTIVITY 0

PPE C

- 0 Minimal Hazard
1 Slight Hazard
2 Moderate Hazard
3 Serious Hazard
4 Severe Hazard

Health

Acute Toxicity: N/A
Skin Corrosion: N/A
Eye Irritation: N/A
Skin Sensitization: NO

Environmental

Acute Toxicity: N/A
Chronic Toxicity: N/A

Physical

Flammability: N/A
Other: N/A

Hazardous Statement

None.

Precautionary Statement

Keep out of reach of children.
Do not allow to be taken internally.
Avoid contact with eyes and skin.
Avod breathing vapors, mist or fumes.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

This product is not classified as hazardous according to OSHA 1910.1200.

SECTION 4 - FIRST-AID MEASURES

Inhalation: Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persists, get medical attention.
Skin: Wash exposed area with mild soap and mater. Get medical attention if irritation develops or persists.
Eyes: Flush eyes with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation persists.
Ingestion: DO NOT INDUCE VOMITING. Danger from aspiration into lungs exceeds a short term toxic effect. Get immediate medical help.

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## SECTION 5 - FIRE-FIGHTING MEASURES

<u>Extinguishing Media</u>		<u>Specific Hazards</u>	<u>Protective Equipment</u>
<u>Suitable</u>	<u>Unsuitable</u>		
Water		Directly spraying extinguishing media onto hot burning products may cause frothing and spreading of fire.	Self-contained breathing apparatus. {(SCBA), MSHA/NIOSH}. Full protective gear.
Foam	-----		
Mist			
Carbon Dioxide			
<b><u>Special Firefighting Procedures</u></b>			
If near fire, use cold water to cool container and prevent rupture.			

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Minimize skin contact.
<b>Protective Equipment:</b>	None.
<b>Emergency Procedures:</b>	None.
<b>Environmental Precautions:</b>	Keep product out of sewers and waterways.
<b>Methods for Cleaning-Up:</b>	Contain spill and transfer to suitable containers or soak up in absorbent medium. Finally, flush areas with cold water. If spill enters sewer, notify authorities.
<b>Other Precautions:</b>	None.

## SECTION 7 - HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Keep container closed when not in use.	Protect from freezing temperatures. Avoid heating above 120°F for prolonged periods of time.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b><u>OSHA Exposure Limits</u></b>			
This product is not classified as hazardous according to OSHA 1910.1200.			
<b><u>Personal Protective Equipment</u></b>			
<b>Respiratory Protection:</b>	None.		
<b>Ventilation:</b>	Local exhaust adequate.		
<b>Other Protective Equipment:</b>	<u>Protective Gloves</u> Chemical Resistant.	<u>Eyes and Face Protection</u> Splash Goggles/Face Shield.	<u>Other Protective Equipment</u> Impervious Apron.
<b>Other Precautions:</b>	None.		
<b><u>Engineering Controls</u></b>			
Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry cleaned.			

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## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> Dark Amber	<b>Volatile by Volume:</b> N/A
<b>Odor:</b> Bland	<b>Vapor Pressure:</b> N/A
<b>Odor Threshold:</b> N/A	<b>Vapor Density:</b> >1
<b>pH:</b> N/A	<b>Relative Density:</b> N/A
<b>Melting/Freezing Point:</b> N/A	<b>Solubility:</b> Insoluble
<b>Boiling Point:</b> N/A	<b>Partition Coefficient: n-octanol/water:</b> N/A
<b>Boiling Range:</b> N/A	<b>Auto-ignition Temperature:</b> N/A
<b>Flash Point:</b> 300 °F	<b>Specific Gravity (H2O=1):</b> <1
<b>Evaporation Rate:</b> N/A	<b>Viscosity:</b> N/A
<b>Flammability:</b> N/A	<b>VOC:</b> 0 g/l
<b>Flammability Limits:</b> LEL:N/A ; UEL:N/A	

## SECTION 10 - STABILITY AND REACTIVITY

<b><u>Stability</u></b>	<b><u>Hazardous Polymerization</u></b>	<b><u>Conditions To Avoid</u></b>
Stable    Unstable	May Occur    Will Not Occur	None.
<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	
<b><u>Incompatible Materials</u></b>		<b><u>Hazardous Decomposition Products</u></b>
Strong oxidizing agents.		Thermal-carbon monoxide and/or carbon dioxide when after content has evaporated and residue is exposed to excessive heat.

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b><u>Likely Routes of Exposure</u></b>	<b><u>Symptoms/Effects</u></b>
Inhalation <input type="checkbox"/>	None.
Skin Contact <input checked="" type="checkbox"/>	May cause skin irritation and inflammation. Possible eye irritant.
Eye Contact <input checked="" type="checkbox"/>	May cause irritation.
Ingestion <input type="checkbox"/>	None.
<b>Long-Term Effects:</b>	Skin irritation from long-term or repeated skin exposure may cause development of dermatitis.
<b><u>Toxicity</u></b>	
This product is not classified as hazardous according to OSHA 1910.1200.	

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	None.
<b>Persistence &amp; Degradability:</b>	None.
<b>Bioaccumulative Potential:</b>	None.
<b>Mobility in Soil:</b>	None.
<b>Other Adverse Effects:</b>	None.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state, and local regulations.

## SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. (U.S.) : Not Regulated.

## SECTION 15 - REGULATORY INFORMATION

None.

## SECTION 16 - OTHER INFORMATION

**Disclaimer:**

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Manufacturing Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets.

**Revision Date:**

JULY 2010