



## Aerosol Thread Cutting Oil

Material Safety Data Sheet

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 sheet.

<b>SECTION I - GENERAL INFORMATION</b>				
Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone No: 1-773-227-3700 Fax No: 1-773-227-3705	For chemical emergencies during transportation only call  <b>INFOTRAC</b> <b>1-800-535-5053</b> 24 hours per day - 7 days a week			
<b>Date Prepared</b> 01/01/08	<b>Trade Name</b> <b>AEROSOL THREAD CUTTING OIL</b>			
<b>SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION</b>				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
PETROLEUM OIL BLEND    ISOBUTANE PROPANE	64742-54-7 61790-49-6 64742-80-9 64742-52-5 64742-65-0 75-28-5 74-98-6	>70    11-30 1-10	5 mg/m3    800 -----	-----    ----- 1000
<small>*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.</small>				
<b>SHIPPING INFORMATION</b>		<b>SPECIAL HAZARD DESIGNATIONS</b>		

NOT HAZARDOUS FOR SHIPPING PURPOSES.

	<u>HMS</u>	<u>HAZARD RATING</u>
HEALTH	1	0 - MINIMAL
FLAMMABILITY	4	1- SLIGHT
REACTIVITY	0	2- MODERATE
PROTECTIVE EQUIPMENT	A	3- SERIOUS
		4- SEVERE

**SECTION III - PHYSICAL DATA**

<b>APPEARANCE</b> BROWN LIQUID	<b>ODOR</b> HYDROCARBON ODOR	<b>BOILING POINT</b> 650 F (CONCENTRATE)
<b>SPECIFIC GRAVITY (H2O=1)</b> 0.88	<b>VAPOR PRESSURE (mm Hg.)</b> AEROSOL CONT. @ 70 F	<b>VOLATILE BY VOLUME (%)</b> 20%
<b>VAPOR DENSITY (AIR=1)</b> >1	<b>EVAPORATION RATE (BUAC=1)</b> <1	<b>SOLUBILITY IN WATER</b> NEG.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT ( METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
<20 F T.C.C.	(PERCENT BY VOLUME)	1.8	9.5

**FIRE EXTINGUISHING MEDIA**  
CARBON DIOXIDE, DRY CHEMICAL, FOAM.

**SPECIAL FIRE FIGHTING PROCEDURES**  
FIREFIGHTERS SHOULD USE A SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARD**  
TREAT AS CYLINDERS OF COMPRESSED GAS.

**SECTION V - HEALTH HAZARD DATA**

PRIMARY ROUTES OR ENTRY  Inhalation  Skin contact  Eye contact  
 Ingestion

**EFFECT OF OVEREXPOSURE**

INHALATION: HIGH VAPOR CONCENTRATIONS MAY RESULT IN DIZZINESS, HEADACHES, OR UNCONSCIOUSNESS AND CENTRAL NERVOUS SYSTEM DEPRESSION.

INGESTION: NOT LIKELY. MAY RESULT IN VOMITING. ASPIRATION MUST BE AVOIDED AS CHEMICAL PNEUMONIA MAY RESULT.

EYE CONTACT: MAY CAUSE IRRITATION.

SKIN CONTACT: PROLONGED CONTACT WILL CAUSE DEFATTING OF THE SKIN LEADING TO IRRITATION AND DERMATITIS.

SKIN ABSORPTION: NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

NOT ESTABLISHED.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES: FLUSH WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES.

SKIN: REMOVE ALL CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER.

INHALATION: REMOVE FROM EXPOSURE IMMEDIATELY. IF BREATHING IS STOPPED OR IRREGULAR, BEGIN ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN.

INGESTION: DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER.

**SECTION VI - REACTIVITY**

STABILITY	UNSTABLE		<b>CONDITIONS TO AVOID</b>
	STABLE	X	OPEN FLAMES, SPARKS, ELECTRICAL SPARK SOURCES.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES.

**HAZARDOUS DECOMPOSITION PRODUCTS**

THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS	MAY OCCUR		<b>CONDITIONS TO AVOID</b>
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POLYMERIZATION	WILL NOT OCCUR	X	NONE
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>			
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b> VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP WITH INERT MATERIALS AND DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.			
<b>WASTE DISPOSAL METHOD</b> AEROSOL CONTAINER: DO NOT PUNCTURE OR INCINERATE. EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FILLED CONTAINERS ARE CONSIDERED HAZARDOUS WASTE.			
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
<b>RESPIRATORY PROTECTION (Specify type)</b> RESPIRATORY PROTECTION PROGRAM SHOULD BE IN ACCORDANCE WITH 20 CFR 1910.134.			
<b>VENTILATION</b> LOCAL EXHAUST IS ADEQUATE.			
<b>PROTECTIVE GLOVES</b> POLYETHYLENE OR NEOPRENE	<b>EYE PROTECTION</b> SAFETY GLASSES ARE RECOMMENDED.		
<b>OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES</b> PROTECTIVE CLOTHING AND EQUIPMENT.			
<b>SECTION IX - SPECIAL PRECAUTIONS</b>			
<p style="text-align: center;"><b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b></p> DO NOT STORE IN DIRECT SUNLIGHT, NEAR OPEN FLAMES. OR AT TEMPERATURES EXCEEDING 120 F.  DO NOT SMOKE WHILE SPRAYING. USE ONLY AS DIRECTED. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.			
<b>OTHER PRECAUTIONS</b>			

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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**Black Swan Mfg. Co.** Telephone:773-227-3700 E-mail: [info@blackswanmfg.com](mailto:info@blackswanmfg.com)  
4540 W. Thomas Street Wats:800-252-5796 Web site:<http://www.blackswanmfg.com>  
Chicago, IL 60651-3318 Fax:773-227-3705