



Penetrating & Cleaning 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.

SECTION I - GENERAL INFORMATION				
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 INFOTRAC 1-800-535-5053 24 hours per day - 7 days a week		
Date Prepared 01/01/08		Trade Name PENETRATING AND CLEANING OIL		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
PETROLEUM DISTILLATES	64742-47-8	11-30	-----	-----
PARAFFIN OIL	64741-88-4	11-30	-----	-----
ISOBUTANE	75-28-5	11-30	800	-----
PROPANE	74-98-6	11-30	-----	1000
*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.				
SHIPPING INFORMATION		SPECIAL HAZARD DESIGNATIONS		
		<u>HMS</u> <u>HAZARD RATING</u>		

NOT HAZARDOUS FOR SHIPPING PURPOSES.	HEALTH 2 0 - MINIMAL FLAMMABILITY 4 1 - SLIGHT REACTIVITY 0 2 - MODERATE PROTECTIVE 3 - SERIOUS EQUIPMENT A 4 - SEVERE
--------------------------------------	--

SECTION III - PHYSICAL DATA

APPEARANCE LIGHT AMBER	ODOR HYDROCARBON ODOR	BOILING POINT 314-392° F (CONCENTRATE)
----------------------------------	------------------------------------	---

SPECIFIC GRAVITY (H2O=1) 0.79	VAPOR PRESSURE (mm Hg.) 70° F	VOLATILE BY VOLUME (%) >75%
---	---	---------------------------------------

VAPOR DENSITY (AIR=1) >1	EVAPORATION RATE (BUAC=1) <1	SOLUBILITY IN WATER NEG.
------------------------------------	--	------------------------------------

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
50° F T.C.C.	(PERCENT BY VOLUME)	1	9.5

FIRE EXTINGUISHING MEDIA
CARBON DIOXIDE, FOAM, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES
FIREFIGHTERS SHOULD USE 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: SHORTNESS OF BREATH, DIZZINESS, LIGHT HEADEDNESS.
ANESTHETIC EFFECTS MAY OCCUR AT HIGH CONCENTRATIONS.

INGESTION: MAY CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNGS.

EYE CONTACT: POSSIBLE EYE IRRITANT.

SKIN CONTACT: SHORT CONTACT - NO IRRITATION. PROLONGED OR REPEATED CONTACT - MINOR TO MILD IRRITATION.

SKIN ABSORPTION: VERY LOW TOXICITY.

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 REGULAR OR STOPPED, BEGIN ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN.

INGESTION: DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING.

SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	OPEN FLAMES, SPARKS, ELECTRICAL AREAS.

INCOMPATIBILITY (MATERIALS TO AVOID)

ALKALI MATERIALS, STRONG OXIDIZING AGENTS, STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS

THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP WITH INERT MATERIALS AND DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

WASTE DISPOSAL METHOD

DO NOT PUNCTURE OR INCINERATE. EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FILLED CONTAINERS ARE CONSIDERED HAZARDOUS WASTE.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

RESPIRATORY PROTECTION PROGRAM SHOULD BE IN ACCORDANCE WITH 29 CFR 1910.134.

VENTILATION

LOCAL EXHAUST IS ADEQUATE.

PROTECTIVE GLOVES

POLYETHYLENE OR NEOPRENE

EYE PROTECTION

SAFETY GLASSES ARE RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

PROTECTIVE CLOTHING AND EQUIPMENT.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE IN DIRECT SUNLIGHT, NEAR OPEN FLAMES, OR AT TEMPERATURE 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.

OTHER PRECAUTIONS

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.

4540 W. Thomas Street
Chicago, IL 60651-3318