



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 1/1/02	Trade Name PLUMBERS GREASE

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
PETROLEUM DISTILLATES	64742-52-5	50-70	5 mg/m3	5 mg/m3
	64741-88-4			
	64741-97-5			
RESIDUAL OILS	64742-57-0	10-30	5 mg/m3	5 mg/m3
	64742-62-7			
*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 NOT HAZARDOUS FOR SHIPPING PURPOSES.		SPECIAL HAZARD DESIGNATIONS HMIS NFPA HAZARD RATING		

HEALTH	1	1	0 - MINIMAL
FLAMMABILITY	1	1	1- SLIGHT
REACTIVITY	0	0	2- MODERATE
PROTECTIVE EQUIPMENT	B		3- SERIOUS
			4- SEVERE

SECTION III - PHYSICAL DATA

APPEARANCE AMBER	ODOR MILD, BLAND PETROLEUM ODOR	BOILING POINT NOT DETERMINED
SPECIFIC GRAVITY (H₂O=1) 0.90 @ 60° F	VAPOR PRESSURE (mm Hg.) LESS THAN 0.01 mm Hg @ 20° C	VOLATILE BY VOLUME (%) N/A
VAPOR DENSITY (AIR=1) GREATER THAN 5	EVAPORATION RATE (BUAC=1) LESS THAN 0.01	SOLUBILITY IN WATER NEGLIGIBLE ; LESS THAN 0.1%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
450° F COC, LOWEST OIL	(PERCENT BY VOLUME)	0.9	7.0

FIRE EXTINGUISHING MEDIA

USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE -EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES. MINIMIZE BREATHING GASSES, VAPOR, FUMES OR DECOMPOSITION PRODUCTS.

SPECIAL FIRE FIGHTING PROCEDURES

SELF-CONTAINED BREATHING EQUIPMENT AND CHEMICAL RESISTANT CLOTHING RECOMMENDED.

UNUSUAL FIRE AND EXPLOSION HAZARD

PRESSURE WILL INCREASE IN OVER HEATED, CLOSED CONTAINER.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OR ENTRY _____ Inhalation Skin contact Eye contact _____ Ingestion

EFFECT OF OVEREXPOSURE

NONE RECOGNIZED.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT - FLUSH WITH CLEAR WATER FOR 15 MINUTES.

SKIN CONTACT - WASH THOROUGHLY WITH SOAP & WATER.

INGESTION - DO NOT INDUCE VOMITING.

IN ALL CASES CALL A PHYSICIAN.

SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE.

HAZARDOUS DECOMPOSITION PRODUCTS

OXIDES OF CARBON.

HAZARDOUS	MAY OCCUR		CONDITIONS TO AVOID
POLYMERIZATION	WILL NOT OCCUR	X	NOT APPLICABLE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE SKIN CONTACT. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING OR IMPOUNDING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENTAL REGULATIONS.

WASTE DISPOSAL METHOD

SPILLED MATERIAL, UNUSED CONTENTS AND EMPTY CONTAINERS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NOT NORMALLY REQUIRED.

VENTILATION

NOT REQUIRED.

PROTECTIVE GLOVES

CHEMICAL RESISTANT GLOVES.

EYE PROTECTION

USE SPLASH GOGGLES OR FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

USE CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING, IF NEEDED, TO AVOID CONTAMINATING REGULAR CLOTHING WHICH COULD RESULT IN PROLONGED SKIN CONTACT.

SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

DO NOT STORE OR MIX WITH STRONG OXIDIZERS. KEEP OUT OF EYES.

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.

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