

MATERIAL SAFETY DATA SHEET**SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: **BIG RED – RED GREASE**
 IDENTIFICATION NUMBER: 00125,90125 DATE PRINTED: 1/1/2006
 PRODUCT USE/CLASS: RED GREASE

SUPPLIER: FPPF CHEMICAL COMPANY, INC.
 117 WEST TUPPER STREET
 BUFFALO, NY 14201-2193
 INFORMATION: 716-856-9307
 FAX: 716-956-0750

MANUFACTURER: FPPF CHEMICAL COMPANY, INC.
 117 WEST TUPPER STREET
 BUFFALO, NY 14201-2193
 INFORMATION: 716-856-9607
 FAX: 716-856-0750

24 HOUR PRODUCT EMERGENCY HOTLINE NUMBER: 1-800-424-9300

Preparation: FPPF Chemical Company, Inc. – 1-800-735-3773 – Preparation Date: 11/20/05

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>ITEM</u>	<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WT/WT% LESS THAN</u>
01	Mineral Oil Hydrotreated (Severe)	64742-52-5	35.0%
02	N-Heptane	142-82-5	35.0%
03	Propane/Isobutane/N-Butane	68476-86-8	20.0%
04	Petroleum Hydrocarbon	64742-54-0	10.0%
05	Isopar M Fluid	64742-47-8	10.0%

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	
	TL-TWA	TLV-E TEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	5MG/M3 SKIN	10 MG/M3	5 MG/M3	N.E.	N.E.	YES
02	400 PPM	500 PPM	400 PPM	500 PPM	N.E.	YES
03	800 PPM	N.E.	800 PPM	N.E.	N.E.	YES
04	N.E.	10 MG/M3	5 MG/M3	NONE	5 MG/M3	NO
05	N.E.	N.E.	N.E.	N.E.	152 PPM	NO

(See Section 16 for abbreviation legend)

UNUSUAL FIRE & EXPLOSIVE HAZARDS: Vapors can travel to a source of ignition and flash back. “Empty” containers retain product residue (liquid and/or vapor) and can be dangerous. **Do Not Pressurize, Cut, Weld, Solder, Drill, Grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death.** Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner or properly disposed of.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

SECTION 7 – HANDLING & STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame. Keep from freezing.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots and chemical safety goggles plus a face shield.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDA/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin and clothing.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

BOILING RANGE: 43° - 551°F
 VAPOR DENSITY: Is heavier than air
 ODOR: SOLVENT
 ODOR THRESHOLD: ND
 APPEARANCE: RED
 EVAPORATION RATE: Is faster than Butyl Acetate
 SOLUBILITY IN H2O: NEGLIGIBLE
 FREEZE POINT: 32
 SPECIFIC GRAVITY: 0.7326
 VAPOR PRESSURE: 80-90
 Ph @ 0.0%: NA
 PHYSICAL STATE: LIQUID
 VISCOSITY: NA
 COEFFICIENT OF WATER/OIL DISTRIBUTION: NEGLIGIBLE

(See Section 16 for abbreviation legend)

SECTION 10 – STABILITY & REACTIVITY

CONDITIONS TO AVOID: All sources of ignition, welding arcs and open flames.

INCOMPATIBILITY: Strong acids, alkalis, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, oxides of nitrogen and may produce forms of chloride, chlorine and phosgene.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 – TOXICOLOGICAL PROPERTIES

PRODUCT LD50: 222 MG/KG

PRODUCT LC50: 57 PPM

COMPONENT TOXICOLOGICAL INFORMATION:

<u>CHEMICAL NAME</u>	<u>LD50</u>	<u>LC50</u>
Mineral Oil Hydrotreated (Severe)	ND	ND
N-Heptane	222 MG/KG/MOUSE	103 GM/M3/4H/RAT
Propane/Isobutane/N-Butane	NE	57 PPH/15M/RAT
Petroleum Hydrocarbon	ND	ND
Isopar M Fluid	ND	ND
Petroleum Lubricating Grease	NE	NE
Automate Red B	NE	NE
Dimethylbenzene	4300 MG/M3/RAT	5000 PPM/4H/RAT
Ethylbenzene	3500 MG/KG/RAT	NE
Toluene	636 MG/KG/RAT	49 GM/M3/4H/RAT

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all Federal, State and Local Regulations.

SECTION 14 0 TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: AEROSOL – CONSUMER COMMODITY

DOT TECHNICAL NAME: ORM-D

DOT HAZARD CLASS: 2.1

DOT SUBCLASS: NA

DOT UN/NA NUMBER: UN1950

PACKING GROUP: NA

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SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS –

OSHA: Hazardous by definition of Hazard Communications Standard (29 CFR 1910.1200)

CERCLA – SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD

FIRE HAZARD

PRESSURIZED GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT	% IS LESS THAN
No SARA Section 313 components exist in this product.			

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States.

CHEMICAL NAME	CAS NUMBER
N-Heptane	142-82-5
AUTOMATE RED B	MIXTURE

U.S. STATE REGULATIONS: AS FOLLOWS –

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
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No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
PETROLEUM LUBRICATING GREASE	MIXTURE

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

CHEMICAL NAME	CAS NUMBER
TOLUENE	108-88-3

INTERNATIONAL REGULATIONS: AS FOLLOWS –

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for us of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 – OTHER INFORMATION

WHMIS RATINGS – HEALTH: 1 FLAMMABILITY: 4 REACTIVITY: 0

MSDS REVISION DATE: 04/01//08

VOLATILE ORGANIC COMPOUNDS (VOCS): 3.01 lbs./gal, 361 grams/ltr.

LEGEND: N.A. – Not Applicable, N.E. – Not Established,
 N.D. – Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State and Local laws and regulations.