

VALCO CINCINNATI CONSUMER PRODUCTS INC.
ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246
MATERIAL SAFETY DATA SHEET
MATERIAL NAME: WHITE LITHIUM GREASE
PART NUMBER: 795XX903
EMERGENCY TELEPHONE NO.: CALL INFOTRAC AT 1-800-535-5053
PRODUCT INFORMATION NO. (513) 874-6550
DATE ISSUED: AUGUST 2009

SECTION I – GENERAL INFORMATION

MANUFACTURER'S NAME: LUBRIMATIC
TRADE NAMES & SYNONYMS: WHITE LITHIUM #2 MOTOR ASSEMBLY GREASE
DOT HAZARD CLASSIFICATIONS: NONE **HAZARD CLASS:** NON-REGULATED

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS

INGREDIENT NAME:	CAS NO.:	CONTENTS:	EPA RQ:	TPQ:
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	70-100%	N/A	N/A
ZINC OXIDE (ZnO)	1314-13-2	1-5%	N/A	N/A

COMPOSITION COMMENT:

EXPOSURE TO VAPORS GENERATED AT HIGH TEMPERATURES, MAY CAUSE RESPIRATORY IRRITATION. NOT REGARDED AS A HEALTH HAZARD UNDER CURRENT LEGISLATION.

CHRONIC EFFECTS:

SENSITIZATION: NO KNOWN INFORMATION

CARCINOGENICITY:

LARC; NOT LISTED, OSHA; NOT REGULATED. NTP: NOT LISTED
*NTP (NATIONAL TOXICOLOGY PROGRAM)
*IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)
*OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION)

REPRODUCTION/TERATOGENICITY:

NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS CONTAINED AT GREATER THAN 0.1% MAY CAUSE BIRTH DEFECTS

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE/PHYSICAL STATE- GREASE	COLOR- WHITE
ODOR- MILD (OR FAINT) PETROLEUM	SOLUBILITY DESCRIPTION- INSOLUBLE IN WATER
SOLUBILITY VALUE (G/100G H2O 68°F); <0.1	DENSITY/SPECIFIC GRAVITY(G/ML): -0.90 TEMP (°F): 61
VAPOR DENSITY (AIR=1): >5	
VAPOR PRESSURE: <0.07 mmHg	TEMP (°F): 68
EVAPORATION RATE: <0.01	REFERENCE: BuAc=1

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F): 435 **FLASH POINT OF LOWEST OIL** **METHOD:** Cd OC (CLEVELAND OPEN CUP)
FLAMMABILITY LIMIT- LOWER (%): N/D
FLAMMABILITY LIMIT- UPPER (%): N/D
EXTINGUISHING MEDIA: USE CARBON DIOXIDE (CO2). DRY CHEMICALS, SAND, DOLOMITE ECT. ALCOHOL RESISTANT FOAM. WATER SPRAY, FOG OR MIST
SPECIAL FIRE FIGHTING PROCEDURES: USE WATER TO KEEP EXPOSED CONTAINERS COOL AND DISPERSE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES AND DILUTE SPILLS TO NON-FLAMMABLE MIXTURES. AVOID WATER IN STRAIGHT HOSE STREAM; WILL SCATTER AND SPREAD FIRE. KEEP RUN-OFF WATER OUT OF SEWERS AND WATER SOURCES. DIKE FOR WATER CONTROL.
UNUSUAL FIRE & EXPLOSION HAZARDS: PRESSURE WILL INCREASE IN OVER HEATED, CLOSED CONTAINERS.

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SECTION IV – FIRE AND EXPLOSION HAZARD DATA (CONT)

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF: CARBON
PROTECTIVE MEASURES IN CASE OF FIRE: SELF-CONTAINED BREATHING EQUIPMENT AND CHORNICAL RESISTANT CLOTHING RECOMMENDED.
STABILITY: NORMAL
CONDITIONS TO AVOID: AVOID CONTACT WITH ACIDS AND OXIDIZING SUBSTANCES
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR **POLYMERIZATION DESCRIPTION:** N/A
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF: CARBON

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION, SKIN, EYES, INGESTION
MEDICAL SYMPTOMS: MEDICAL CONDITIONS AGGEAVATED BY EXPOSURE: NOT DETERMINED
EYES: IRRITATING
SKIN: REPEATED OR PROLONGED CONTACT CAN RESULT IN DRYING OF THE SKIN.
INGESTION: CAN CAUSE STOMACHACHE AND VOMITING. MAIN HAZARD, IF INGESTED, IS ASPIRATION INTO THE LUNGS AND SUBSEQUENT PNEURNONITIS.
INHALATION: HEATING CAN GENERATE VAPORS THAT MAY CAUSE RESPIRATORY IRRITATION, NAUSEA AND HEADACHES. INHALATIONHAZARD AT ROOM TEMPERATURE IS UNLIKELY DUE TO LOW VOLATILITY OF THIS PRODUCT.

SECTION VI – HEALTH HAZARD DATA/FIRST AID MEASURES

INHALATION: VAPOR INHALATION UNDER AMBIENT CONDITIONS IS NORMALLY NOT A PROBLEM. IF OVERCOME BY VAPOR OF HOT PRODUCT, IMMEDIATELY REMOVE FROM SOURCE OF EXPOSURE. MOVE THE EXPOSED PERSON TO FRESH AIR AT ONCE. FOR BREATHING DIFFICULTIES OXYGEN MAY BE NECESSARY. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
INGESTION: **DO NOT INDUCE VOMITING!** GET MEDICAL ATTENTION IMMEDIATELY!
SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
EYES: RINSE THE EYE WITH WATER IMMEDIATELY. CONTINUE TO RINSE FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF DISCOMFORT CONTINUES.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE AND CONTROL MEASURES

PERSONAL PRECAUTIONS: MINIMIZE SKIN CONTACT
PRECAUTIONS TO PROTECT THE ENVIRONMET: 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 COMFORMITY WITH APPLICABLE GOVERNMENT REGULATIONS.
DISPOSAL CONSIDERATIONS: SPILLED MATERIAL, UNUSED CONTENTS AND EMPTY CONTAINERS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
SPILL CLEAN-UP PROCEDURES: KEEP ALL SOURCES OF IGNITION AND HOT METAL SURFACES AWAY FROM SPILL AVOID CONTACT WITH EYES OR SKIN. PLACE LEAKING CONTAINERS IN WELL VENTILATED AREA. IF FIRE POTENTIAL EXIST, BLANKET SPILL WITH FOAM OR USE WATER SPRAY TO DISPERSE VAPORS. CONTAIN SPILL TO MINIMIZE CONTAMINATED AREA AND FACILITATE SALVAGE OR DISPOSAL. TO CLEAN UP SPILL, FLUSH AREA SPARINGLY WITH WATER OR USE ABSORBENT MATERIAL. AVOID DISCHARGE TO NATURAL WATER WAYS.
HANDLING PRECAUTIONS: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. VENTILTE WELL, AVOID BREATHING VAPORS. USE APPROVED RESPIRATOR IF AIR COMTAMINATION IS ABOVE ACCEPTED LEVEL, DO NOT REUSE CONTAINER. KEEP LID CLOSED WHEN NOT IN USE. DO NOT STORE OR MIX WITH STRONG OXIDIZERS. AVOID SPILLING, SKIN AND EYE CONTACT. EYE WASH AND EMERGENCY SHOWER MUST BE AVAILABLE AT THE WORK PLACE.
STORAGE PRECAUTIONS: STORE SEPARATE FROM STRONG ACIDS AND OXIDIZERS. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.
STORAGE CRITERIA: CHEMICAL STORAGE

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SECTION – EXPOSURE CONTROLS, PERSONAL PROTECTION

PROTECTIVE EQUIPMENT- PROTECTIVE GLOVES & SAFETY GOGGLES

ENGINEERING CONTROLS: USE ENGINEERING CONTROLS TO REDUCE AIR CONTAMINATION TO PERMISSIBLE EXPOSURE LEVEL

VENTILATION: NO SPECIFIC VENTILATION REQUIREMENTS NOTED, BUT FORCED VENTILATION MAY STILL BE REQUIRED IF AIR CONTAMINATION EXCEEDS ACCEPTABLE LEVEL.

RESPIRATORS: NO SPECIFIC RECOMMENDATION MADE, BUT RESPIRATORY PROTECTION MAY STILL BE REQUIRED UNDER EXCEPTIONAL CIRCUMSTANCES WHEN EXCESSIVE AIR CONTAMINATION EXIST.

PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES RECOMMENDED TO PREVENT PROLONGED OR REPEATED CONTACT. USE PROTECTIVE GLOVES MADE OF NEOPRENE, NITRILE, POLYETHYLENE, OR PVC OR LATEX.

EYE PROTECTION: WEAR SPLASH-PROOF EYE GOGGLES TO PREVENT ANY POSSIBILITY OF EYE CONTACT.

PROTECTIVE CLOTHING: WEAR APPROPRIATE CLOTHING TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.

HYGIENIC WORK PRACTICES: WASH AT THE END OF EACH WORK SHIFT AND BEFORE EATING, SMOKING, AND USING THE TOILET.

SECTION VIII – DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HERE WITH.