

Global Parts Order Processing
Material Safety Data Sheet
KLINTBERG & WAY AB

C H R Y S L E R
HAZARD COMMUNICATION SHEET

305486 DRAFT PART/COMMTY CD: 05016796GC
PREPARATION DATE: 08-20-15 STNDRD: N/AV SUPPLIER: 37637 MFGR: 03500
OSHA HAZ: YES HAZWOPER HAZ: YES CONS PROD/HAZ SUB: YES

*** SECTION 01 - PRODUCT INFORMATION ***

MFG BY: PART SALES & SERVICE FCA US LLC
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
DIST BY: PART SALES & SERVICE FCA US LLC
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
FCA US LLC INDUSTRIAL HYGIENE: 248-512-8260 AFTER HOURS: 248-576-8888
BRAND NAME: MOPAR TRANSFER CASE LUBRICANT
MFG ID : N/AV
DESCRIPTION: FLUID-T-CASE LUBE NV 245/247/249

*** SECTION 02 - INGREDIENTS ***

HAZARDOUS INGREDIENTS: PERCENT
COMM NAME / CAS NO & CHEM NAME: BY WGT OSHA ACGIH CHRYS UNITS NOTATIONS
EXISTING INGREDIENTS
PARAFFINIC PROCESS OIL 30-60 W 5 5 5 MG/M3
064742-65-0A DISTILLATES (PETROLE L N/AP 10 10
PARAFFINIC PROCESS OIL 30-60 W 5 5 5 MG/M3
064742-54-7A DISTILLATES (PETROLE L N/AP 10 10
SULFONIC ACIDS, PETROLEUM, CALCIU 1-5 W N/AV N/AV N/AV N/AV
068783-96-0 SULFONIC ACIDS, PETR
DIALKYL(C1-C14)DITHIOPHOSPHORIC A 1-5 W N/AP N/AP N/AP N/AP
068649-42-3 PHOSPHORODITHIOIC AC T
GENERIC DESC: PETROLEUM OIL, SULFUR COMPOUND(S), ADDITIVES. DMSO EXTRACT
(MINERAL OIL ONLY): < 3% BY WEIGHT.

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : > 600 F SOLUB IN WATER: NEGLIGIBLE (< 0.1%)
VAPOR PRESSURE: < 0 MM HG AT 68 F EVAP. RATE: N/AV REF: N/AV
VAPOR DENSITY : > 2.000 AT N/AV SPECIFIC GRAVITY: 0.884 AT N/AV
PH AT FULL STRENGTH: N/AV PH AT REC. DILUT: N/AV
%VOLATILE BY VOL : N/AV VOLATILE ORGANIC COMP: N/AV N/AV
ODOR THRESHOLD: N/AV PPM FOR % POPULATION
FREEZING POINT: N/AV COEFF. OF WATER/OIL DIST: 3162.28
APPEARANCE & ODOR: COLOR: AMBER....., STATE: LIQUID..... AND ODOR:
SOLVENT.....

Global Parts Order Processing
Material Safety Data Sheet
KLINTBERG & WAY AB

*** SECTION 04 - FIRE AND EXPLOSION DATA ***

FLASH POINT: > 389 F N/AV IGN TEMP: N/AV LEL: 0.900% UEL: 7.000%

SPECIAL FIRE & EXPLOSION HAZARDS:

REACTS ON CONTACT WITH OXIDIZERS. WHEN HEATED TO DECOMPOSITION MAY PRODUCE TOXIC THERMAL DECOMPOSITION PRODUCTS. EXPOSURE TO INTENSE HEAT AND DIRECT FLAME MAY RESULT IN PRESSURE BUILD-UP IN CONTAINER, CAUSING WEAKENING OR RUPTURING OF THE CONTAINER.

EXTINGUISHING MEDIA:

WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE WATER IN STRAIGHT STREAMS.

SPECIAL FIREFIGHTING PROCEDURES:

EVACUATE PERSONNEL FROM AREA. DO NOT ALLOW PRODUCT OR RUNOFF WATER TO ENTER STORM OR SANITARY SEWERS, GROUND WATER, OR SOIL. AVOID BREATHING VAPOR OR FUMES. USE SELF-CONTAINED BREATHING APPARATUS. USE PROTECTIVE CLOTHING. VAPOR OR MIST ACCUMULATIONS MAY FLASH AND/OR EXPLODE IF IGNITED.

SENSITIVE TO MECHANICAL IMPACT?: N/AV SENSITIVE TO STATIC DISCHARGE?: N/AV

HAZARDOUS COMBUSTION PRODUCTS:

ALDEHYDES, ORGANIC COMPOUNDS, SMOKE, TOXIC FUMES OR VAPORS, OXIDES OF SULFUR, CARBON MONOXIDE AND CARBON DIOXIDE.

FLAME PROJECTION: N/AP

*** SECTION 05 - HEALTH HAZARD DATA ***

EFFECTS OF OVEREXPOSURE - ACUTE & CHRONIC:

<<---INHALATION--->> VAPOR-AND/OR MIST-MAY BE IRRITATING TO EYES, NOSE, AND THROAT. HIGH CONCENTRATIONS OF VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: IRRITATION OF UPPER RESPIRATORY TRACT AND CHEMICAL PNEUMONITIS (AN INFLAMMATION OF THE LUNGS SIMILAR TO PNEUMONIA, WHICH IS CAUSED BY GETTING THE LIQUID FORM OF A CHEMICAL INTO THE LUNGS). <<---SKIN CONTACT--->> LIQUID-PROLONGED CONTACT MAY PRODUCE THE FOLLOWING: IRRITATION, OIL ACNE, FOLLICULITIS AND/OR DERMATITIS. SKIN CONTACT MAY PRODUCE DEFATTING AND DRYING OF SKIN. INJECTION OF OIL INTO THE SKIN MAY CAUSE PERMANENT LOCAL SKIN DAMAGE. <<---EYE CONTACT--->> DIRECT CONTACT MAY PRODUCE THE FOLLOWING: IRRITATION AND TEARING. <<---INGESTION--->> MAY BE HARMFUL IF SWALLOWED. MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA.

EMERGENCY FIRST AID PROCEDURES:

<<---INHALATION--->> REMOVE TO FRESH AIR AT ONCE. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF PULMONARY SYMPTOMS DEVELOP, CONSULT A PHYSICIAN. <<---SKIN CONTACT--->> REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. APPLY SKIN CREAM IF DEFATTING OF SKIN OCCURS. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. IF INJECTED UNDER THE SKIN, REGARDLESS OF APPEARANCE OF THE WOUND OR ITS SIZE, CONTACT A PHYSICIAN IMMEDIATELY. <<---EYE CONTACT--->> RINSE EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING BOTH UPPER AND LOWER LIDS. CONTINUE FOR 15 MINUTES. CONTACT A PHYSICIAN. <<---INGESTION--->> DRINK LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING-PETROLEUM BASE CHEMICAL. CONTACT A PHYSICIAN. IF

Global Parts Order Processing
Material Safety Data Sheet
KLINTBERG & WAY AB

VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT LIQUID FROM SEEPING INTO THE WINDPIPE AND LUNGS.

*** SECTION 06 - REACTIVITY DATA ***

STABILITY: STABLE

CONDITIONS TO AVOID:

HIGH TEMPERATURE, SPARKS OR OPEN FLAME.

MATERIALS TO AVOID:

STRONG OXIDIZING AGENTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

POLYMERIZATION CONDITIONS TO AVOID:

POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:

SMOKE, TOXIC FUMES OR VAPORS, OXIDES OF SULFUR, ALDEHYDES, CARBON MONOXIDE AND CARBON DIOXIDE.

*** SECTION 07 - SPILL OR LEAK PROCEDURES ***

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

LARGE SPILL-AVOID BREATHING VAPORS. VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). WEAR PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF POSSIBLE. SPILLS ARE VERY SLIPPERY. CONTAIN WITH DIKE. USE OIL ABSORPTION COMPOUND OR ABSORB WITH DIATOMACIOUS EARTH. SWEEP UP AND DISCARD IN A SUITABLE CONTAINER FOR DISPOSAL. RESIDUE-WASH AREA WITH DETERGENT AND WATER. DO NOT FLUSH INTO SEWER SYSTEM. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.

WASTE DISPOSAL METHODS:

RECYCLE, RECLAIM, CONTROLLED INCINERATION OR DISPOSE OF IN A LANDFILL. DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL DISPOSAL REGULATIONS.

*** SECTION 08 - SPECIAL PROTECTION ***

RESPIRATORY PROTECTION:

NO SPECIAL PROTECTION NEEDED UNDER NORMAL CONDITIONS. WEAR THE FOLLOWING: MIST RESPIRATOR. THIS EQUIPMENT MAY BE NEEDED IF THE PRODUCT IS MISTED.. THIS EQUIPMENT MAY BE NEEDED IF THE PRODUCT IS USED IN A CONFINED SPACE. OR RESTRICTED VENTILATION AREAS-SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

VENTILATION TYPE:

GENERAL VENTILATION. THIS EQUIPMENT IS USUALLY ADEQUATE. LOCAL EXHAUST VENTILATION. THIS EQUIPMENT MAY BE REQUIRED.. THIS EQUIPMENT MAY BE NEEDED TO MAINTAIN THE TLV..

PROTECTIVE GLOVES:

RECOMMENDED. OIL RESISTANT GLOVES-NEOPRENE GLOVES, NITRILE RUBBER GLOVES

Global Parts Order Processing
Material Safety Data Sheet
KLINTBERG & WAY AB

OR BUTYL RUBBER GLOVES.

EYE PROTECTION:

RECOMMENDED. SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES.

OTHER PROTECTIVE EQUIPMENT:

ALL SKIN CONTACT MUST BE AVOIDED. PROTECTIVE EQUIPMENT MUST BE WORN AT ALL TIMES DURING PRODUCT USE IF SKIN CONTACT IS POSSIBLE. APRON (SAME MATERIAL AS GLOVES) OR CLOTHING (SAME MATERIAL AS GLOVES).. THIS EQUIPMENT MAY BE NEEDED TO AVOID PROLONGED SKIN CONTACT. AN EYE WASH MAY BE NEEDED FOR EMERGENCY SITUATIONS.

*** SECTION 09 - SPECIAL PRECAUTIONS ***

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

STORE IN A COOL, DRY PLACE. STORE SEPARATE FROM INCOMPATIBLE MATERIALS. REACTS WITH OXIDIZERS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. KEEP FROM HEAT, SPARK OR OPEN FLAMES. PRODUCT TENDS TO MAKE SURFACES, SUCH AS FLOORS, SLIPPERY. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID). DO NOT CUT EMPTY CONTAINER WITH A TORCH. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL.

OTHER PRECAUTIONARY MEASURES:

AVOID BREATHING MIST. AVOID BREATHING VAPOR. AVOID PROLONGED OR REPEATED SKIN CONTACT. AVOID EYE CONTACT. AVOID INGESTION. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES.

*** SECTION 10 - WASTE LABELING INFORMATION ***

DOT LABELING INFORMATION (49 CFR 100-199)

ID#: N/AP ERG#: HAZARD CLASS - PRMY: N/AP PACKING GROUP: N/AP
NOT HAZARDOUS PER DOT REGULATIONS

RCRA INFORMATION (40 CFR 122-124, 260-265)

INFORMATION UNAVAILABLE AT THIS TIME