

Dixie Packing & Seal Co.
1900 Elm Tree Drive
Nashville, TN 37210
Ph:615-883-5592 Fax 615-886-5627

PRODUCT: 1453-01-003 20918 CHAIN LUBE 389G



Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER K-G PACKAGING INC.
8001 KEELE STREET P.O. BOX 89
ONTARIO
CANADA
L4K 1Y8
CANUTEC EMERGENCY #:1-613-996-6666(24HR)
1453-01-003 20918 CHAIN LUBE 389G
PRODUCT NAME
CHEMICAL FAMILY CHLORINATED & ALIPHATIC HYDROCARBONS.
MOLECULAR WEIGHT NOT APPLICABLE.
CHEMICAL FORMULA MIXTURE.
TRADE NAMES & SYNONYMS 1453-01-003 20918 CHAIN LUBE 389G
PRODUCT USES LUBRICANT.
FORMULA/LAB BOOK # F 01-054.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
PETROLEUM OIL BLEND (MIXTURE)	10-30	5 mg/m3	64742-52-5	NOT AVAILABLE	NOT AVAILABLE
RESIDUAL OILS, PETROLEUM, SOLVENT DEWAXED	10-30	5 mg/m3	64742-62-7	NOT AVAILABLE	NOT AVAILABLE
1,1,2-TRICHLOROETHYLENE	30-60	50 ppm	79-01-6	7193 mg/kg ORAL-RAT	8450 ppm (4h) RAT-INHAL
CARBON DIOXIDE	1-5	5000 ppm	124-38-9	NOT APPLICABLE	NOT AVAILABLE

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS. MAY CAUSE GASTRO-INTESTINAL DISTURBANCES, HEADACHES, NAUSE, VOMITING, NERVOUS SYSTEM DEPRESSION. TOXIC BY INGESTION.
INHALATION PROPELLANT IS A SIMPLE ASPHYXIANT. MAY CAUS IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, NAUSEA, VOMITING, NERVOUS SYSTEM DEPRESSION. TOXIC BY INHALATION.
EYE CONTACT MAY CAUSE IRRIATION, REDNESS, TEARING AND POSSIBLE CORNEAL DAMAGE.
SKIN ABSORPTION MAY BE ABSORBED. HOWEVER, TOXIC AMOUNTS CAN ONLY BE ABSORBED THROUGH EXTENSIVE PROLONGED CONTACT.
SKIN CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATTIS.
EFFECTS OF ACUTE EXPOSURE DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.
EFFECTS OF CHRONIC EXPOSURE SOLVENTS MAY CAUSE DEFATTING DERMATTIS
EXPOSURE LIMIT OF MATERIAL SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C) NOT AVAILABLE.
SPECIAL PROCEDURES WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.
FLAMMABILITY NON FLAMMABLE AEROSOL.
IF YES, UNDER WHICH CONDITIONS? NOT APPLICABLE.
EXTINGUISHING MEDIA WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
UPPER FLAMMABLE LIMIT 52.
(% BY VOLUME)
LOWER FLAMMABLE LIMIT 7.8.
(% BY VOLUME)
EXPLOSION DATA
SENSITIVITY TO STATIC DISCHARGE NOT APPLICABLE.
SENSITIVITY TO IMPACT NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION

PRODUCT: 1453-01-003 20918 CHAIN LUBE 389G

Section 05: FIRE FIGHTING MEASURES

CLASSIFIED AS..... 0 cm.
FLASHBACK..... NONE.
FLASH POINT(°C), TAG CLOSED-CUP 171.
(CONCENTRATE)

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS..... NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE..... IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE..... SAFETY GLASSES.
FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.
OTHER/TYPE..... NOT REQUIRED.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
APPEARANCE..... DARK AMBER.
ODOR..... CHLORINATED HYDROCARBON.
ODOR THRESHOLD..... NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL..... 70-80.
@ 20 C
BOILING POINT (°C)(CONC)..... 86-88.
EVAPORATION RATE..... LESS THAN 1.
n-BUTYL ACETATE = 1
VAPOUR DENSITY (AIR=1)..... NOT AVAILABLE.
SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.
pH..... NOT APPLICABLE.
SPECIFIC GRAVITY (LIQUID)..... 1.06-1.10.
COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
FREEZING POINT: (°C)..... NOT AVAILABLE.
AEROSOL PERCENT VOLATILE..... NOT AVAILABLE.
(BY WEIGHT)
SPECIFIC GRAVITY (AEROSOL)..... 1.06-1.10.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:
YES..... UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?..... NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES?..... OXIDIZING AGENTS.
REACTIVITY CONDITIONS?..... NOT APPLICABLE.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

Section 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.
IRRITANCY OF MATERIAL..... MAY CAUSE IRRITATION.
SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.
CARCINOGENICITY OF MATERIAL..... TRICHLOROETHYLENE NOT CLASSIFIED AS CARCINOGENIC BY ACGIH, OR OSHA, AND NOT LISTED AS A CARCINOGEN BY NTP. (1993) ACGIH CLASSIFIES TRICHLOROETHYLENE AS A5. "NOT SUSPECTED AS A HUMAN CARCINOGEN."
TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

PRODUCT: 1453-01-003 20918 CHAIN LUBE 389G

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.
T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).

Section 15: REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,D1B,D2A,D2B.
CNFC SECTION 3.3.5..... LEVEL 1.
CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.
HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.
HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
HMIS RATING PERSONAL PROTECTION..... B.
NFPA CODE 30B..... LEVEL 1.
SARA 313 INFORMATION..... 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:
CAS #: CHEMICAL NAME:
*79-01-6 1,1,2-TRICHLOROETHYLENE.
CALIFORNIA PROPOSITION 65..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
CAS #: CHEMICAL NAME:
79-01-6 1,1,2-TRICHLOROETHYLENE.
TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
VOC (w/w%)..... 50.

Section 16: OTHER INFORMATION

NOTICE FROM KG PACKAGING INC THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY K-G PACKAGING INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. K-G PACKAGING INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.
PREPARED BY..... TECHNICAL SERVICES
PREPARATION DATE Mar13/07