



CASTROL INCORPORATED MATERIAL SAFETY DATA SHEET

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DATE PREPARED/REVISED: 10/21/88

PREPARER: KAREL WRIGHT

PRODUCT NAME: CASTROL GTX SUPER MULTIGRADE 10W/30 MOTOR OIL

COMMON NAME: LUBRICATING OIL

CHEMICAL FAMILY OR CLASSIFICATION: PETROLEUM HYDROCARBON, DISSOLVED

ORGANIC COMPOUND MIXTURE.

NFPA HAZARD CLASSIFICATION:

HEALTH: 1

FLAMMABILITY: 1 REACTIVITY: 0

SECTION 1 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS TO BURNESSEE DETECTION OF THE CONTROL OF THE

Chemical Identity/Common Name TIV/other CAS#

- THIS PRODUCT IS NOT CONSIDERED HAZARDOUS, NOR DOES IT CONTAIN ANY HAZARDOUS INGREDIENTS ACCORDING TO OSHA 1910.1200 .

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NOTE:

PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC, OR OSHA.

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PRODUCT: GTX 10W/30

PAGE 2

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >500 F

SPECIFIC GRAVITY (H20=1): 0.88

VAPOR PRESSURE: < 0.01 mm Hg.@ 20 C VAPOR DENSITY(AIR=1): >1

PERCENT VOLATILES: NA

EVAPORATION RATE (Buac=1):< 0.01

SOLUBILITY IN WATER: NEGLIGIBLE

APPEARANCE AND ODOR: CLEAR AMBER LIQUID; SLIGHT HYDROCARBON ODOR.

HAZARDOUS POLYMERIZATIONS (WILL/WILL NOT OCCUR): WILL NOT OCCUR.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 400 F (COC) MIN. FLAMMABLE LIMITS IN AIR, % VOL.: UPPER - 6.0 LOWER - 1.0

EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, FOAM

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SPECIAL FIRE FIGHTING PROCEDURES/ UNUSUAL FIRE AND EXPLOSION HAZARDS: USE WATER AS FOG OR SPRAY TO COOL FIRE EXPOSED CONTAINERS. USE SELF CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

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EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE OR VAPORS WHICH CAN IGNITE EXPLOSIVELY; DO NOT CUT, DRILL OR WELD ON OR NEAR FULL OR EMPTY CONTAINERS.

SECTION 4 - REACTIVITY DATA 7日 DE LO A DA PERSON (A MESSA) - LOS ARÉSES CONTRA PARACES

STABILITY: STABLE

CONDITIONS AND MATERIALS TO AVOID: STRONG OXYDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

SMOKE, FUMES, CO, CO2; MINOR AMOUNTS OF VARIOUS HYDROCARBONS, OXIDES OF SULFUR AND NITROGEN.

SECTION 5 - HEALTH HAZARD DATA

OCCUPATIONAL EXPOSURE LIMITS (TLV): USE 5 mg./M3 TWA (OIL MIST). PRIMARY ROUTE(S) OF ENTRY: SKIN, INHALATION

HEALTH HAZARDS (Acute and Chronic, If Applicable)
MAY CAUSE MODERATE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT
MAY CAUSE SKIN IRRITATION, DEFATTING. AVOID INHALATION OF MISTS OR
VAPORS ABOVE RECOMMENDED EXPOSURE LIMIT; NASAL/RESPIRATORY
IRRITATION MAY RESULT.

SIGNS/SYMPTOMS OF EXPOSURE:
MODERATE EYE IRRITATION, REDNESS, TEARING.
SKIN IRRITATION, DEFATTING, DERMATITUS.

MEDICAL CONDITIONS GENERALLY AGGREVATED BY EXPOSURE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH LARGE AMOUNTS OF CLEAN WATER FOR 15 MIN. CONTACT A PHYSICIAN IF IRRITATION PERSISTS.

SKIN: REMOVE CONTAMINATED CLOTHING. WIPE MATERIAL FROM SKIN. WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: REMOVE FROM AREA OF EXPOSURE. ADMINISTER OXYGEN IF. DEEMED NECESSARY.

INGESTION: DO NOT INDUCE VOMITING; ASPIRATION HAZARD.

CONSULT A PHYSICIAN IMMEDIATELY.

SMALL AMOUNTS ACCIDENTALLY TAKEN INTO MOUTH SHOULD BE RINSED OUT UNTIL NO TASTE REMAINS.

SECTION 6 - CONTROL MEASURES

RESPIRATORY PROTECTION: CHEMICAL CARTRIDGE RESPIRATOR OR SUPPLIED AIR RESPIRATORY EQUIPMENT AS REQUIRED FOR CONCENTRATION EXCEEDING OCCUPATIONAL EXPOSURE RECOMMENDATION.

VENTILATION: NOT NORMALLY REQUIRED. LOCAL EXHAUST, IN ADDITION TO GENERAL VENTILATION WHEN OCCUPATIONAL EXPOSURE LIMIT IS EXCEEDED.

SKIN PROTECTION: OIL IMPERVIOUS TYPE GLOVES, SUCH AS NEOPRENE. NORMAL WORK CLOTHING.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES, OR SAFETY GLASSES.

WORK/HYGIENIC PRACTICES: DO NOT WEAR CONTAMINATED CLOTHING. LAUNDER BEFORE RE-USE OR DISCARD.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

HAWDLING & STORAGE INSTRUCTIONS: MAINTAIN AMBIENT TEMPERATURES. AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILATION.

SPILL/LEAK PROCEDURES: DO NOT PERMIT OIL TO ENTER SEWERS OR WATERWAYS. ABSORB SPILL WITH INERT MATERIAL AND STORE IN CLOSED CONTAINERS UNTIL DISPOSAL.

WASTE DISPOSAL METHOD: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELLED, TRANSPORTED, AND DISPOSED OF OR RECLAMINED IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. DISPOSE OF BY METHOD IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING HEALTH, AIR AND WATER POLLUTION.

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MAY BE DISPOSED OF BY CONTROLLED INCINERATION.

OTHER:

DON'T POLLUTE - CONSERVE RESOURCES.

RETURN USED OIL TO COLLECTION CENTERS.

SECTION 8 - ADDITIONAL COMMENTS

CERCLA REPORTABLE QUANTITY: NA

RCRA HAZARDOUS WASTE NUMBER: NA 18 98 A 444 TO A WARREN INO CONCENTRAL

DOT HAZARD CLASSIFICATION: NONE

SARA TITLE III, SECTION 302: NO EXTREMELY HAZARDOUS CHEMICALS SECTION 311/312 HAZARD CATEGORY: NA SECTION 313 CHEMICAL OR CATEGORY: ORGANIC ZINC COMPOUND, 2.0 MAX. WT.

NA=NOT APPLICABLE
ND=NO DATA AVAILABLE

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