



CASTROL INCORPORATED
MATERIAL SAFETY DATA SHEET



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PRODUCT NAME: CASTROL GTX SUPER MULTIGRADE 10W/40 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

Chemical Identity/Common Name	TLV/other	CAS#	‡
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- THIS PRODUCT IS NOT CONSIDERED HAZARDOUS, NOR DOES IT CONTAIN ANY
HAZARDOUS INGREDIENTS ACCORDING TO OSHA 1910.1200 .

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

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: >500 F SPECIFIC GRAVITY(H2O=1): 0.87
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
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.

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

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 AGGRAVATED BY EXPOSURE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH LARGE AMOUNTS OF CLEAN WATER FOR AT LEAST 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

HANDLING & 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 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 RECLAIMED IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. DISPOSE OF BY METHOD IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING HEALTH, AIR AND WATER POLLUTION.

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

DOT HAZARD CLASSIFICATION: NONE

MASS. COMMUNITY RTK: DOES NOT CONTAIN ANY LISTED HAZARDOUS CHEMICALS.

SARA TITLE III, SECTION 302: NO EXTREMELY HAZARDOUS CHEMICALS

SECTION 311/312 HAZARD CATEGORY: NA

SECTION 313 CHEMICAL OR CATEGORY:

ORGANIC ZINC COMPOUND, 2.5% MAX. WT.

NA=NOT APPLICABLE

ND=NO DATA AVAILABLE

NOTICE:

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