

CASTROL INC -- CASTROL GTX SUPER MULTI-GRADE SAE 10W-30 MOTOR OIL -- 9150-01-230-9748

===== Product Identification =====

Product ID:CASTROL GTX SUPER MULTI-GRADE SAE 10W-30 MOTOR OIL

MSDS Date:01/04/1993

FSC:9150

NIIN:01-230-9748

MSDS Number: CCLYS

=== Responsible Party ===

Company Name:CASTROL INC

Address:1500 VALLEY RD

City:WAYNE

State:NJ

ZIP:07474-5000

Country:US

Info Phone Num:201-633-2200

Em

ergency Phone Num:201-633-2200

CAGE:CASTR

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:CASTROL INC

Box:UNKNOW

CAGE:0B2UF

Company Name:CASTROL INC

Address:240 CENTENNIAL AVE

City:PISCATAWAY

State:NJ

ZIP:08854-3910

Country:US

Phone:908-980-9100

CAGE:CASTR

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:6312

0-1578  
Country:US  
Phone:414-255-5520  
CAGE:050Q3

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL  
CAS:64742-41-2  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC  
CAS:64742-56-9  
RTECS #:PY8039500  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:300 PPM  
ACGIH TLV:300 PPM

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT DEWAXED (MILD),  
HEAVY PARAFFINIC  
CAS:64742-65  
-0  
RTECS #:PY8038500  
Fraction by Wt: < 100%  
Other REC Limits:5 MG/CUM

Ingred Name:HIGHLY REFINED BASE OIL  
CAS:72623-85-9  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL, SOLVENT-REFINED HEAVY PARAFFINIC, MILDLY  
HYDROTREATED (CARCINOGENIC - IARC)  
CAS:64741-88-4  
RTECS #:PY8040500  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPEICIFIED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE  
CAS:64742-46-7  
RT

ECS #:JN9379645  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL  
CAS:64742-57-0  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL  
CAS:72623-83-7  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL  
OIL-BASED 95-2  
CAS:72623-86-0  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/CUM  
ACGIH TLV:5 MG/CUM

Ingred Name:  
e:SOLVENT REFINED RESIDUM  
CAS:64742-01-4  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED  
(MILD), HEAVY PARAFFINIC  
CAS:64742-54-7  
RTECS #:PY8035500  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT DEWAXED RESIDUAL OIL (PETROLEUM)  
CAS:64742-62-7  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:LUBRICATN OIL, PETRO, C15-30, HYDROT

REATD NEUT  
OIL-BASE,CONTG.SOLV DEASPHALTED RESIDUAL OIL  
CAS:72632-84-8  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:HIGHLY REFINED BASE OIL  
CAS:72623-87-1  
Fraction by Wt: < 100%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ZINC DIALKYLDITHIOPHOSPHATE  
CAS:84605-29-8  
Fraction by Wt: < 30%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM SALTS OF ALKYLATED PHENOL SULFIDES  
Fraction by Wt: < 30%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:NOT ESTBALISHED

Ingred Name:ALK  
YLATED DIPHENYL AMINES  
Fraction by Wt: < 30%  
Other REC Limits:NONE SPECIFIED

Ingred Name:METHACRYLATE POLYMER  
Fraction by Wt: < 13%  
Other REC Limits:NONE SPECIFIED

Ingred Name:NITROGEN COMPOUND  
Fraction by Wt: < 13%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ETHYLENE-PROPYLENE COPOLYMER  
Fraction by Wt: < 13%  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT): >5 G/KG  
Routes of Entry: Inhalation:NO Skin:YES

Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: IRRITATION & DERMATITIS. EYES:  
TRANSIENT IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.

Effects of Overexposure:IRRITATION, GI DISTURBANCES, DIARRHEA,  
HEADACHE, DROWSINESS, NAUSEA, VOMITING, DIARRHEA, DRYING, CRACKING,  
DEFATTING, REDNESS, TEARING.

Medical Co

nd Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS.

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===== First Aid Measures =====

First Aid:EYES: FLUSH W/CLEAR WATER FOR 15 MINS. SKIN: WIPE OFF EXCESS,  
THEN WASH EXPOSED AREA W/SOAP & WATER. INHALATION: REMOVE TO FRESH  
AIR. GIVE CPR IF NEEDED. INGESTION: GIVE PLENTY OF WATER/OTHER MILD  
DRI NKABLE FLUIDS. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION  
IN ALL CASES.

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===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:415F,213C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:DO NOT USE WATER JETS. WEAR A NIOSH APPROVED  
POSITIVE PRESSURE SCBA & FULL PROTECTIVE EQUIPMENT. COOL FIRE  
EXPOSED CONTAINERS W/WATER.

Unusual Fire/Explosion Hazard:MATERIAL MUST BE PREHEATED TO BURN.

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===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPIL

L. REMOVE BULK LIQUID. SOAK UP

REMAINDER WITH AN INERT ABSORBENT SUCH AS CLAY, SAND OR OTHER  
SUIRABLE MATERAILS. STORE IN A CLOSED CONTAINER AND DISPOSE OF  
PROPERLY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN  
USE. DO NOT STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS.  
AVOID BREATHING MIST. MAINTAIN ADEQUATE VENTILATION.

Other Pre

cautions:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR A NIOSH APPROVED ATMOSPHERE SUPPLYING RESPIRATOR/AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS & PARTICULATE IF EXPOSURE IS EXPECTED TO EXCEED OCCUPATIONAL EXPOSURE LIMITS.

Ventilation:SPECIAL/LOCAL EXHAUST MAY BE NEEDED IF OPERATING CONDITIONS MAY CREATE HIGH AIRBORNE CONCENTRATIONS.

Protective Gloves:NEOPRENE/NITRILE/POLYVINYL C  
HLORIDE

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

MELTING/FREEZING POINT: -22F TO -40F.

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:>  
500F,>260C

Melt/Freeze Pt:M.P/F.P Text:SEE SUPP

Vapor Pres:1

Spec Gravity:0.87-0.89

Evaporation Rate & Reference:(BU AC = 1):