

CASTROL INC -- GTX SUPER MULTIGRADE SAE 10W-30/10W-40 MOTOR OIL -- 9150-00-116-0506
===== Product Identification =====

Product ID:GTX SUPER MULTIGRADE SAE 10W-30/10W-40 MOTOR OIL

MSDS Date:09/05/1991

FSC:9150

NIIN:00-116-0506

MSDS Number: CCLNJ

=== Responsible Party ===

Company Name:CASTROL INC

Address:1500 VALLEY ROAD

City:WAYNE

State:NJ

ZIP:07474

Country:US

Info Phone Num:908-980-9100/908-980-9

519

Emergency Phone Num:908-980-9100

Preparer's Name:K. WRIGHT

CAGE:0B2U4

=== 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

Address:1500 VALLEY ROAD

Box:City:WAYNE

State:NJ

ZIP:07474

Country:US

Phone:201-633-2200

CAGE:0B2U4

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone

:414-255-5520
CAGE:050Q3

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Composition/Information on Ingredients
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Ingred Name:SEVERELY REFINED PETROLEUM BASESTOCKS. MAY CONTAIN ONE OR MORE OF INGREDIENTS #2 THROUGH #16.
RTECS #:9999999ZZ
Fraction by Wt: 70-100%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:64742-41-2
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:64741-88-4
RTECS #:PY8040500
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL
:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SOLVENT REFINED RESIDUM
CAS:64742-01-4
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:64742-41-2
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: SEE #1%
Other REC Limits

:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC
CAS:64742-56-9
RTECS #:PY8039500
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL
CAS:64742-57-0
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT DEWAXED RESIDUAL OIL (PETROLEUM)
CAS:64742-62-7
Fraction by Wt: SEE #1%
Other REC Limits:NO
NE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:64742-65-0
RTECS #:PY8038500
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL
CAS:72623-83-7
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HIGHLY REFINED BASE OIL
CAS:72623-85-9
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HIGHLY REFINED BASE OIL
CAS:72623-87-1
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM BASESTOCK
CAS:72326-84-8
Fra

ction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM BASESTOCK
CAS:72623-86-0
Fraction by Wt: SEE #1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MULTI-FUCT ADDITIVE MIX COMPO OF ORGANO-METALLIC CMPDS(ZN
DIALKAYL DITHIOPHOSPHATE,CA SALTS OF ALKYLATED(SEE INGRED 18))
Fraction by Wt: 10-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENOL SULFIDES,ALKYLATED DIPHENYL AMINES).
RTECS #:9999999ZZ
Fraction by Wt: SEE #17%
Other REC Limits:NONE RECOMMENDED

Ingred Na
me:MEHTACRYLATE POLYMER &/OR ETHYLENE-PROPYLENE COPOLYMER WITH
N ITROGEN FUNCTIONAL GROUP BLEND (CAS-MIXTURE)
Fraction by Wt: 5-15%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:EYE/SKIN:BASED ON DATA ON
SIMILAR PRODUCT MAY CAUSE SLIGHT
IRRIT.RESP:LOW RISK OF
INHAL.VAP/MIST IN EXCESS OF PERMISSIBLE CONC MAY CAUSE NOSE/THROAT
IRRIT,HEAD,NAU,DROWS.INGEST:GENERALLY LOW TOX ICITY.SM AMTS INGEST
MAY PRODUCE IRRIT,DIARR.LG AMTS MAY CAUSE
HEAD,DROWS,NAU,VOMIT,DIARR.CHRONIC:SKIN DRY,CRACK(SUPPLE)
Explanation of Carcinogenicity:PER MSDS:PROD CONTAINS NO MATL CURRENTLY
CLASSIFIED AS CARCINO PER ARNT/OSHA/IARC.
Effects of Overexposure:TRANSIENT EYE IRRIT, RENDESS, TEARING.
Medical Cond Aggravated by Exposure:PRE-EXIST

ING SKIN DISORDERS.

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

First Aid:EYE:FLUSH W/CLEAR WATER FOR @LEAST 15MINS OR TIL IRRIT
SUBSIDES.IRRIT PERSISTS SEEK MED ATTN.SKIN:REMOVE CONTAMIN
CLOTH/WIPE EXCESS FROM SKIN.WASH AREA
W/SOAP/WATER.INHAL:IRRIT/DROWS OCCUR MOVE TO FRESH AIR.ADMIN RESP
ASSIST IF BREATH DIFFICULT/STOPS.SEEK MED ATTN.INGEST:GIVE WATER TO
DRINK.SEEK MED ATTN.DO NOT INDUCE VOMIT W/OUT EXPRESS CONSENT OF
MED PERSONNEL.

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

Flash Point Method:COC
Flash Point:400F,204C
Lower Limits:ND
Upper Limits:ND
Extinguishing Media:CO2,DRY CHEMI,FOAM,WATER FOG.DO NOT USE DIRECT
STREAM OF WATER.PROD CAN FLOAT & REIGNITE ON WATER SURFACE.
Fire Fighting Procedures:NFPA CLASS IIIB MATL.DO NOT ENTER CONFINED
AREAS W/O FULL PROT EQPMT INCLUDING POSITIVE PRESSURE NIOSH APPROVED
SCBA.COOL FIRE EXPOSED CONTNRS W/WATER.
Unusual Fire/Explosion Hazard:MATL MUST BE PREHEATED TO BURN.

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

Spill Release Procedures:USE BEST ENGINEERING PRACTICE WHEN ATTEMPTING LG
SPILL CLEANUP.LG:WEAR RESP/PPE.STOP LEAK.DIKE/CONTAIN.REMOVE W/VAC
TRUCKS/PUMP TO STORAGE/SALVAGE VESS.SOAKUP RESIDUE W/INERT
ABSORBENT(CLAY,SAND,OTHER)WHERE FEASIBLE/APPROPR REMOVE CONTAMIN
SOIL.(SUPPLE)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WARNING!AVOID CONTACT W/USED MOTOR
OILS.KEEP CNTNRS CLOSED WHEN NOT IN USE.DO NOT STORE NEAR
HEAT/SPARKS/FLAME/STRONG OXIDANTS.AVOID BREATH MIST/VAP.
Other Precautions:MAINTAIN ADEQUATE VENTILATION.AVOID PROL/REP CONTACT
W/SKIN.CAUTION:IMPROPER DISPOSAL/REUSE OF EMPTY CNTNR MAY BE
DANGEROUS/ILLEGAL.CUT/WELD EMPTY CNTNR MIGHT CAUSE FIRE/EXPLO/TOXIC
FUME FROM RESIDUE.DON'T PRESS/EXPOSE TO OPEN FLAME/HEAT.(SUPPLE)

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===== Exposure Controls/Personal

I Protection =====

Respiratory Protection:IF EXPO EXPECTED TO EXCEED OCCUPATIONAL EXPO LIMITS USE NIOSH APPROVED RESP TO PREVENT OVEREXPO.IAW 29CFR 1910.134 USE EITHER ATM SUPPLYING RESP OR AIR-PURIFYING RESP FOR ORGANIC VAPORS/PARTICULATES.

Ventilation:NO SPEC VENTI USUALLY NECESSARY HOWEVER IF OPERATING CONDITIONS CREAT HI AIRBORNE MATL CONC SPE/LOC VENTI MAY BE NEEDED.

Protective Gloves:OIL RESIST GLOVES:NEOPRENE,NITIRLE.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Oth

er Protective Equipment:OTHER PROTECTIV EQPMT(UNIFORM,COVERALLS,RUBB APRON,LAB COAT)AS REQRUED TO MIN SKIN CONTACT.

Work Hygienic Practices:DO NOT WEAR CONTAMIN CLOTH.LAUNDER BEF REUSE/DISCARD.WASH THOROUGHLY AFT HNDLG.

Supplemental Safety and Health

VISCOSITY,@40C,SCT:SAE 10W-30:72;10W-40:100. HEALTH HAZ:DERM ON PORL/REP SKIN EXPO.USED GASOLINE MOTOR OILS HAVE CAUSED CANCER IN LAB ANIMALS WHEN REPEATEDLY APPLIED. SPILL:SM:SOAKUP W/INERT ABSORBENT (CLAY,SAND,OTHER).STORE IN

CLSD CNTNR/DIPSO PROPERLY.

OTHER PRECAUT:KEEP CLSD/BUNGS IN PLACE.REFER:FED/STATE/LOC REGS.

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

HCC:V6

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

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:1

Spec Gravity:0.88

pH:NP

Evaporation Rate & Reference: