

CASTROL INC.,BRAY PRODUCTS DIV. -- BRAYCO 885 -- 9150-01-102-5020
===== Product Identification =====

Product ID:BRAYCO 885

MSDS Date:05/01/1994

FSC:9150

NIIN:01-102-5020

MSDS Number: BGLXF

=== Responsible Party ===

Company Name:CASTROL INC.,BRAY PRODUCTS DIV.

Address:16715 VON KARMAN AVE.,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-660-9414/ABROAD202-4837616 COLL

Emerge

ncy Phone Num:714-660-9414/800-424-9300(CHEMTREC)

Preparer's Name:RICHARD DE VICARLIS

CAGE:EO288

=== Contractor Identification ===

Company Name:CASTROL INC.,BRAY PRODUCTS DIV.

Address:16715 VON KARMAN AVE.,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Phone:714-660-9414/ABROAD 202-4837616COLL

CAGE:EO288

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV

Address:1001 WEST 31ST STREET

Box:City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:800-621-2661/ FAX:

630-241-4140

CAGE:2R128

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

CAGE:0PGK2

Company Name:VEHICLES INC.

Address:702 GARFIELD ST

Box:1444

City:EMPORIA

State:KS

ZIP:66801-5110

Country:US

Phone:316-343-6653

CAGE:0E5D8

NE RECOMMENDED

Ingred Name:ORGANIC BARIUM COMPOUND

Fraction by Wt: 7.5%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE MILD EYE
IRRIT.PORLONG/REPEAT SKIN CONTACT MAY CAUSE SKIN
IRRIT,DERM.EXCESSIVE INHAL OF VAP MAY CAUSE NASAL/RESP
IRRIT,DIZZ.INGEST CAN CAUSE GASATROINTESTINA

L

IRRIT,NAU,VOMIT,DIARR.

Explanation of Carcinogenicity:PER MSDS:PRODUCT CONTAINS NO MATLS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP/IARC/OSHA.

Effects of Overexposure:EYE IRRIT, REDNESS, TEARING, BLURRED VISION.
SKIN IRRIT, DEFATTING, DERMATITIS. RESPIRATORY/NASAL IRRIT,
DIZZINESS, NAUSEA, HEADACHE; POSSIBLE UNCONSC, ASPHYXIATION.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:SKIN:REMOVE CONTAMI
N CLOTH.WIPE MATL FRM SKIN.WASH THOROUGHLY
W/SOAP/WATER. EYE:FLUSH W/LG AMTS OF CLEAN WATER FOR @LEASAT
15MINS.CONTACT PHYSICIAN IR IRRIT PERSISTS. INGEST:DO NOT INDUCE
VOMIT;ASPIRA TION HAZARD.CONSULT PHYSICIAN IMMED. INHAL:REMOVE FRM
AREA OF EXPO.ADMINISTER OXYGEN IF DEEMED NECESSARY.IF BREATH HAS
STOPPED ADMNISTER CPR.CONTACT PHYSICIAN.

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

Flash Point Method:COC

Flash Point:450F,232C

Lower Limits:N/DETERMI

NE

Upper Limits:N/DETERMINE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM.

Fire Fighting Procedures:USE WATER AS FOG OR SPRAY TO COOL FIRE EXPO
CNTNRS.USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

Unusual Fire/Explosion Hazard:EMPTY CNTNRS MAY RETAIN PRODUCT RESIDUE
OR VAP WHICH CAN IGNITE EXPLOS;DO NOT CUT/DRILL/WELD ON/NEAR
FULL/EMPTY CNTNRS.

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

Spill Release Procedures:DO NOT PERMIT PRODUCT TO

ENTER

SEWERS/STREAMS/OTHER WATERWAYS.REMOVE ALL IGN SOURCES.DIKE
SPILL/ELIMINATE LEAK.ABSORB W/DRY INERT MATL & STORE IN CLSD CNTNRS
UNTIL DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WASH THOROUGHLY AFT USE.MAINTAIN AMT
TEMP.AVOID PROL/REP BREATH OF VAP/MIST/FUMES.KEEP CNTNR TIGHTLY
CLSD.DO NTO STORE NEAR HEAT/FLAME/STRONG OXIDANTS

Other Precautions:MAINTAIN
ADEQUATE VENTILATION.

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

Respiratory Protection:NIOSH/MSHA-APPROVED ORGANIC VAPOR RESPIRATOR OR
SUPPLIED AIR RESPIRATORY EQPMT AS REQUIRED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL,GENERAL &/OR LOC EXHAUST TO
MAINTAIN EXPO BELOW TLV.GREATER THAN 60 F3/MIN RECOMMENDED.

Protective Gloves:RESISTANT TYP GOLVES SUCH AS NEOPRENE.

Eye Protection:CHEM SPLASH GOGG &/OR SAFETY GLASSES.

Other Protective Equipment:IMPERVIOUS GARMEN
TS AS REQUIRED.

Work Hygienic Practices:DO NOT WEAR CONTAMIN CLOTH.LAUNDER BEF
REUSE/DISCARD.DO NTO TAKE ANY FOOD/DRINK/HNDL TOBACCO PROD WHILE IN
CONTACT W/PRO

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MISTS.

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

HCC:V6

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

Vapor Pres:N/DETERMIN

Vapor Density:N/DETERMIN

Spec Gravity:0.93

Evaporation Rate &a

mp; Reference:NOT DETERMINED

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN LIQUID, MILD ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, OPEN FLAMES.

Hazardous Decomposition Products:SMOKE, FUMES, CO2, CO; MINOR AMTS OF
VARIOUS HYDROCARBONS, OXIDES OF SULFUR.

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===== Disposal Considerations =====

Waste Disposal Methods:AL

L RECOVERED MATL SHOULD BE
PKG/LABEL/TRANSP/DISPOSE OF OR RECLAIMED IN COMFORMANCE W/GOOD
ENGINEERING PRACTICES.DISPOSE OF BY METHOD IN COMPLIANCE
W/LOC/STAT/FED REGS REGARDING HEALTH/AIR/WATER POLL UTION.SARA SEC
313 TITLEIII:ORG BARIUMCMPD 7.5%

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