

BURMAH CASTROL INC./BRAY PRODUCTS DIVISION -- BRAYCO 646;LUBRICATING PRODUCT --
9150-00-889-3522

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

Product ID:BRAYCO 646;LUBRICATING PRODUCT

MSDS Date:03/29/1988

FSC:9150

NIIN:00-889-3522

MSDS Number: BFTXB

=== Responsible Party ===

Company Name:BURMAH CASTROL INC./BRAY PRODUCTS DIVISION

Address:16715-VON KARMAN AVENUE,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Coun

try:US

Info Phone Num:714-660-9414

Emergency Phone Num:714-660-9414

Preparer's Name:KAREL WRIGHT

CAGE:MO158

=== Contractor Identification ===

Company Name:BURMAH CASTROL INC./BRAY PRODUCTS DIVISION

Address:16715-VON KARMAN AVENUE,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Phone:714-660-9414

CAGE:MO158

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

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Composition/Information on Ingredients
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Ingred Name:LITHIUM STEARATE; % WT RANGE PER SPEC:7.7-8.3%
CAS:4485-12-5
RTECS #:WI4370000
Fraction by Wt: 8.0%

Ingred Name:BIS(2-3THYLHEXYL) SEBACATE(LUBRICTNG GRADE);PER SPEC % WT
RANGE:88-90%; CAS #122-62-3
CAS:122-62-3
RTECS #:VS1000000
Fraction by Wt: 89.0%

Ingred Name:DIISOPRPROPYL PHOSPHITE;PER SPEC % WT RANGE:0.8-1.2%; CAS
#1809-20-7
CAS:1809-20-7
RTECS #:SZ7660000
Fraction by Wt: 1
.0%

Ingred Name:2,6-DI TERTIARY BUTYL-P-CRESOL;PER SPEC % WT RANGE:0.4 -
0.6%; CAS #128-37-0
CAS:128-37-0
Fraction by Wt: 0.5%

Ingred Name:BARIUM DINONYLNAPHTHALENE SULFONATE; PER SPEC % WT
RANGE:1.2 - 1.8%
Fraction by Wt: 1.5%

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Health Hazards Acute and Chronic:ACUTE:EYES,SKIN OR RESPIRATORY TRACT.
CHRONIC:DEFATTING,DERMATITIS,REDNESS AND TEARING OF EYES.
Eff
ects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures
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First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH
W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE
VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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Fire Fighting Measures
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Flash

Point:500F/260C (COC)

Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.

Fire Fighting Procedures:USE WATER SPRAY TO COOL CONTRS;USE NIOSH APPROVED SCBA.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:STOP FLOW & SHUT OFF SOURCES OF IGNITION.WIPE OR MOP UP,OR ABSORB W/CLAY DIATOMACEOUS EARTH,OR OTHER INERT MATERIAL,STORE IN CLOSED METAL CONTAINERS;LARGE SPILL:DIKE FAR AHEAD FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

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

Respiratory Protection:NONE NORMALLY REQUIRED EXCEPT FOR OIL MIST.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:CHEMICALLY RESISTANT APRON OR OTHER CLOTHING TO AVOID PROLONGED SKIN CONTACT.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:>600F/316C

Spec Gravity:0.93

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TAN SEMI-FLUID COMPOUND,MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stabili

ty Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:SMOKE,FUMES,CO,CO*2,MINOR AMOUNT OF
VARIOUS HYDROCARBONS,OXIDES OF SULFUR.

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

Waste Disposal Methods:DISPOSE OF BY CONTROLLED INCINERATION OR METHOD
IN COMPLIANCE W/LOCAL,STATE, AND FEDERAL REGULATIONS REGARDING
HEALTH,AIR,& WATER POLLUTION.

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