

CASTROL INC;BRAY PRODUCTS DIVISION -- BRAYCO 363 -- 9150-00-263-3490

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

Product ID:BRAYCO 363

MSDS Date:12/30/1987

FSC:9150

NIIN:00-263-3490

MSDS Number: BDQGS

=== Responsible Party ===

Company Name:CASTROL INC;BRAY PRODUCTS DIVISION

Address:16715 VON KARMAN AVENUE,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-660-9414

Emergency Phone Num:(

714)660-9414

Preparer's Name:KAREL WRIGHT

CAGE:KO959

=== Contractor Identification ===

Company Name: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:KO959

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

===== Composition/Informati

on on Ingredients =====

Ingred Name:PETROLEUM HYDROCARBON
Fraction by Wt: 92.0%

Ingred Name:CALCIUM SULFONATE
Fraction by Wt: 7.0%

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL
CAS:128-37-0
RTECS #:GO7875000
Fraction by Wt: 0.5%
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3; 9192

Ingred Name:POLYGLYCOL
Fraction by Wt: 0.1%

Ingred Name:SORBITAN MONOOLEATE
CAS:1338-43-8
RTECS #:WG2932400
Fraction by Wt: 0.5%

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

Routes of Entry: Inh
Absorption: YES Skin: YES Ingestion: YES
Health Hazards Acute and Chronic: ACUTE: SKIN, EYES AND RESPIRATORY IRRITATION. CHRONIC: SKIN DISORDERS OR DERMATITIS.
Effects of Overexposure: NOT EXPECTED TO CAUSE ANY ILL EFFECT EXCEPT POSS IN VERY SENSITIVE INDIVIDUAL; MAY CAUSE EYE IRRIT.
Medical Cond Aggravated by Exposure: NONE KNOWN.

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

First Aid: SKIN: WASH W. SOAP & H₂O. EYES: FLUSH W. H₂O. INGESTED: DON'T INDUCE VOMITING. INHALED: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point Method: COC
Flash Point: 280F/138C
Extinguishing Media: DRY CHEMICAL, CO₂, FOAM, WATER FOG
Fire Fighting Procedures: WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS WITH H₂O.
Unusual Fire/Explosion Hazard: RESIDUE IN THE EMPTY CONTAINERS MAY IGNITE EXPLOSIVELY

Y BY HEATING,DRILL OR WELDING.

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

Spill Release Procedures:STOP FLOW & SHUT OFF SOURCES OF IGNITION.
WIPE/MOP UP OR ABSORB W/CLAY,DIATOMACEOUS EARTH OR OTHER INERT
MATERIAL. STORE IN CLOSED METAL CONTAINERS.

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

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

AINERS TIGHTLY CLOSED

Other Precautions:DO NOT STORE NEAR HEAT/IGNITION SOURCES.AVOID
BREATHING MIST.AVOID PROLONGED OR REPEATED CONTACT W/SKIN.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST IF ABOVE TLV/PEL.

Ventilation:LOCAL & MECHANICAL:ONLY IF OIL MIST EXCEEDS TLV

Protective Gloves:IMPERVIOUS SUCH AS NEOPRENE.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NORMAL WORK C

LOTHING COVERING ARMS & LEGS.

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN;DO NOT BREATHE
VAPORS/MIST;WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:>400F/204C

Spec Gravity:0.88

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN OILY LIQUID, PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

SMOKE,FUMES,CO,CO*2,MINOR AMOUNTS OF VARIOUS HYDROCARBONS AND OXIDES OF SULFUR.

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:COMBUSTION MAY PRODUCE CARBON MONOXIDE & ASPHTYXIANTS

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

Waste Disposal Methods:CONTROLLED INCINERATION OR METHOD IN COMPLIANCE W/LOCAL,STATE OR FRDERAL REGULATIONS.

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