

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

=== Contract

or 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/Information on Ingredients =====

Ingred Name:PETROLEUM HYDROCARB

ON
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: Inhalation: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 Condition 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 CONTAINERS WITH H₂O.
Unusual Fire/Explosion Hazard:RESIDUE IN THE EMPTY CONTAINERS MAY IGNITE EXPLOSIVELY BY HEATING,DRILL OR WELDING.

===== Accidental Release =====

leak Measures =====

Spill Release Procedures:STOP FLOW & SHUT OFF SOURCES OF IGNITION.
WIPE/MOP UP OR ABSORB W/CLAY,DIAIOMACEOUS 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
CONTAINERS TIGHTLY CLOSED

Other Precautions:DO NOT STORE NEAR HEAT/IG
NITION 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 CLOTHING COVERING ARMS & LEGS.

Work Hygienic Practices:AVOID CONTA
CT 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 OXI

DES 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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