

CASTROL INC -- BRAYCOTE 103, 01035 -- 8030-00-118-0666

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

Product ID:BRAYCOTE 103, 01035

MSDS Date:07/25/1991

FSC:8030

NIIN:00-118-0666

MSDS Number: BCZRJ

=== Responsible Party ===

Company Name:CASTROL INC

Address:16715 VON KARMAN AVE, SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:800-424-9300;202-483-7616

Emergency Phone Num:714-660-9414;800-4

24-9300(CHEMTREC)

Preparer's Name:RICHARD DE VICARIIS

CAGE:CASTR

=== Contractor Identification ===

Company Name:CASTROL INC

Address:240 CENTENNIAL AVE

City:PISCATAWAY

State:NJ

ZIP:08854-3910

Country:US

Phone:908-980-9100

CAGE:CASTR

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

=====
Ingrid Name: BENZIN; (NAPHTHA)
CAS: 8030-30-6
RTECS #: DE3030000
Fraction by Wt: 61%
OSHA PEL: N/K
ACGIH TLV: N/K

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

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
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 IRRITATION WITH
REDNESS, TEARING, BLURRED VISION. PROLONGED OR REPEATED SKIN
CONTACT
MAY CAUSE SKIN IRRITATION, DEFATTING, DERMATITIS. EXCESSIVE
INHALATION OF VAPORS MAY CAUSE NASAL /RESPIRATORY IRRITATION,
DIZZINESS, NAUSEA, HEADACHE; POSSIBLY UNCONSCIOUSNESS,
ASPHYXIATION. (EFFECTS OF OVEREXPOSURE)
Explanation of Carcinogenicity: NOT RELEVANT
Effects of Overexposure: HEALTH HAZARD: INGESTION CAN CAUSE GASTROINTESTINAL
IRRITATION, NAUSEA, VOMITING, DIARRHEA.
Medical Condition Aggravated by Exposure: NONE KNOWN.

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

=
First Aid: SKIN: REMOVE CONTAMINATED CLOTHING. WIPE MATERIAL FROM SKIN.
WASH THOROUGHLY WITH SOAP & WATER. EYES: FLUSH WITH LARGE AMOUNTS OF
CLEAN WATER FOR AT LEAST 15 MINUTES. CONTACT MEDICAL IF IRRITATION
PERSISTS. INGESTION: DO NOT INDUCE VOMITING; ASPIRATION HAZARD.
CONSULT MEDICAL IMMEDIATELY. INHALATION: REMOVE FROM AREA OF EXPOSURE.
ADMINISTER OXYGEN IF DEEMED NECESSARY. IF BREATHING HAS STOPPED,
ADMINISTER CPR; CONTACT MEDICAL.

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

=====
Flash Point Method: COC
Flash Point: >100F, >38C
Lower Limits: 0.5%
Upper Limits: 6%
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER.
Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT. USE WATER AS FOG OR SPRAY TO COOL FIRE
EXPOSED CONTAINERS. WARNING: COMBUSTIBLE MATERIAL!
Unusual Fire/Explosion Hazard: EMPTY CONTAINERS MAY RETAIN PRODUCT
RESIDUE OR VAPORS WHICH CAN IGNITE EXPLOSIVELY; DO NOT CUT, DRILL
OR WELD ON OR NEAR FULL

OR EMPTY CONTAINERS.

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

Spill Release Procedures:DO NOT PERMIT PRODUCT TO ENTER SEWERS, STREAMS OR OTHER WATERWAYS. REMOVE ALL SOURCES OF IGNITION. DIKE SPILL & ELIMINATE LEAK. ABSORB WITH DRY INERT MATERIAL & STORE IN CLOSED CONTAINERS UNTIL DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS.

Other Precautions:AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES. MAINTAIN ADEQUATE VENTILATION.

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

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

Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL &/OR LOCAL EXHAUST TO MAINTAIN EX

POSURE BELOW TLV. GREATER THAN 60 F3/MIN RECOM.

Protective Gloves:RESISTANT TYPE GLOVES SUCH AS NEOPRENE.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:IMPERVIOUS GARMENTS AS REQUIRED.

Work Hygienic Practices:DO NOT WEAR CONTAMD CLTHG. LAUNDRER BEFORE RE-USE/DISCARD. DO NOT TAKE ANY FOOD/DRINK/HANDLE TOBACCO PRODS WHILE (SUPDAT)

Supplemental Safety and Health

HYGIENE PRACT: IN CONTACT W/THIS PRODUCT. WASH THOROUGHLY AFTER USE.

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

HCC:F4

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:42

Vapor Density:>4

Spec Gravity:0.91

Evaporation Rate & Reference:0.16 (BUAC=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK LIQUID ASPHALT; PETROLEUM SOLVENT ODOR.

Percent Volatiles by Volume:44(WT)

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAME.

Hazardous Decompos

ition Products:H*2S, CO.

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

Waste Disposal Methods:ALL RECOVERED MATL SHOULD BE PACKAGED, LABELLED, TRANSPORTED & DISPOSED OF OR RECLAIMED IN CONFORMANCE W/GOOD ENGINEERING PRACTICES. DISPOSE OF BY METHOD IN COMPLIANCE W/LOCAL, STATE & FED REGS REGARD ING HEALTH, AIR & WATER POLLUTION.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.