

CASTROL INC, SPECIALTY PROD DIV -- BRAYCOTE 103 -- 8030-00-231-2345

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

Product ID:BRAYCOTE 103

MSDS Date:07/25/1991

FSC:8030

NIIN:00-231-2345

MSDS Number: BDKXM

=== Responsible Party ===

Company Name:CASTROL INC, SPECIALTY PROD DIV

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 Ph

one Num:714-660-9414

CAGE:EO453

=== Contractor Identification ===

Company Name:CASTROL INC, SPECIALTY PRODUCTS DIVISION

Address:16715 VON KARMAN AVE SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Phone:714-660-9414

CAGE:EO453

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

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Ingred Name:ASPHALT  
CAS:8052-42-4  
RTECS #:CI9900000  
Fraction by Wt: 61%  
OSHA PEL:N/K  
ACGIH TLV:5 MG/M3; (FUME)

Ingred Name:BENZIN; (NAPHTHA)  
CAS:8030-30-6  
RTECS #:DE3030000  
Fraction by Wt: 37%  
OSHA PEL:N/K  
ACGIH TLV:100 PPM (MFR)

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute

and Chronic:MAY CAUSE MILD EYE IRRITATION.

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION,  
DEFATTING. EXCESSIVE INHALATION OF VAPORS MAY CAUSE  
NASAL/RESPIRATORY IRRITATION, DIZZINESS. INGESTION CAN CAUSE  
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:EYE IRRITANT, REDNESS, TEARING, BLURRED VISION.

SKIN IRRITATION, DEFATTING, DERMATITIS. RESPIRATORY/NASAL  
IRRITATION, DIZZINESS, NAU

SEA, HEADACHE; POSSIBLY UNCONSCIOUSNESS,  
ASPHYXIATION.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:SKIN:REMOVE CONTAM CLTHG. WIPE MATL FROM SKIN. WASH  
THOROUGHLY WITH SOAP AND WATER. EYE: FLUSH EYES WITH LARGE AMOUNTS  
OF WATER FOR AT LEAST 15 MIN. CONTACT A PHYSICIAN IF IRRITATION  
PERSISTS. INGEST: DO NOT INDUCE VOMITING; ASPIRATION HAZARD.  
CONSULT A PHYSICIAN IMMEDIATELY. INHAL: REMOVE FROM

AREA OF

EXPOSURE. ADMINISTER OXYGEN IF DEEMED NECESSARY. IF BREATHING HAS STOPPED, ADMIN CPR; CNTCT MD.

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

Flash Point Method:COC

Flash Point:100F,38C

Lower Limits:0.5%

Upper Limits:6.0%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER.

Fire Fighting Procedures:USE WATER AS FOG/SPRAY TO COOL FIRE EXPOSED CONTAINERS. WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

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. SIKE SPILL AND ELIMINATE LEAK. ABSORB WITH DRY INERT MATERIAL AND STORE IN CLOSED CONTAINERS UNTIL DI SPOSAL.

Neutralizing Agent:NO

NE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPS. AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILATION. STORE IN WELL VENTILATED AREA AWAY FROM SOURCES OF HEAT AND IGNITION.

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

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

Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL &/OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV. GREATER THAN 60F\*3/MIN RECOM.

Protective Gloves:RESISTANT TYPE GLOVES, SUCH AS NEOPRENE.

Eye Protection:CHEM SPLASH GOGGLES &/OR SAFETY GOGGS.

Other Protective Equipment:IMPERVIOUS GARMENTS.

Work Hygienic Practices:DO NOT WEAR CONTAM CLTHG. LAUNDER BEFORE RE-USE/DISCA

RD. DO NOT TAKE ANY FOOD OR DRINK, OR HANDLE TOBACCO

(SUPP DATA)

Supplemental Safety and Health

WORK HYGIENE: PRODUCTS WHILE IN CONTACT WITH THIS PRODUCT. WASH THOROUGHLY AFTER USE.

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

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 Volati

les 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 Decomposition Products:H\*2S; AND CO THROUGH INCOMPLETE COMBUSTION.

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

Waste Disposal Methods:ALL RECOVERED MATL SHOULD BE PACKAGED, LABELLED, TRANSPORTED, & DISP OF/RECLAIMED IN CONFORMANCE W/GOOD ENGINEERING

PRACTS. DISPOSE OF BY METHOD IN COMPLIANCE W/LOC, STATE & FED REGS REGARDING HEALTH, AIR & WATER POLLUTION. RCRA HAZ WASTE NO: D001.

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