

CASTROL INC.,BRAY PRODUCTS DIV. -- BRAYCOTE 103 -- 8030-00-905-8075

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Product Identification
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Product ID:BRAYCOTE 103

MSDS Date:09/17/1992

FSC:8030

NIIN:00-905-8075

MSDS Number: BVVBM

=== Responsible Party ===

Company Name:CASTROL INC.,BRAY PRODUCTS DIV.

Address:16715 VON KARMAN AVE.,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-660-9414/ABROAD 202-4837616COLL

Em

ergency Phone Num:714-660-9414/800-424-9300(CHEMTREC)

Preparer's Name:RICHARD DE VICARIIS

CAGE:EO288

=== Contractor Identification ===

Company Name:CASTROL INC.,BRAY PRODUCTS DIV.

Address:16715 VON KARMAN AVE.,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Phone:714-660-9414/ABROAD 202-4837616COLL

CAGE:EO288

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:ASPHALT (PETROLEUM)

CAS:8052-42-4

RTECS #:CI9900000

Fraction by Wt: 61%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG/M3; (FUME);9394

Ingred Name:NAPHTHA (PETROLEUM SPIRITS OR BENZIN)

CAS:8030-30-6

RTECS #:SE7555000

Fraction by Wt: 37%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

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Hazards Identification
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n:YES Skin:YES Ingestion:NO

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
INTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:EYE IRRITATION, REDNESS, TEARING, BLU
RRED

VISION. SKIN IRRITATION, DEFATTING, DERMATITIS. RESPIRATORY/NASAL
IRRITATION, DIZZINESS, NAUSEA, HEADACHE; POSSIBLY UNCONSCIOUSNESS,
ASPHYXIATION.

Medical Cond 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 EYES WITH LARGE
AMOUNTS OF WATER FOR AT LEAST 15 MIN. CONTACT A PHYSICIAN IF
IRRITATION P

ERSIS TS. INGESTION-DO NOT INDUCE VOMITING;

ASPHYXIATION HAZARD. CONSULT A PHYSICIAN IMMEDIATELY.

INHALATION-REMOVE FROM AREA OF EXPOSURE. ADMINISTER OXYGEN IF
NEEDED. IF BREATHING HAS STOPPED, DO CPR.

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

Flash Point Method:COC

Flash Point:100F,38C

Lower Limits:0.5

Upper Limits:6.0

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

Fire Fighting Procedures:USE WATER AS FOG OR SPRAY TO COOL FIRE EXPOSED

CONTAINERS. USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED
AREAS. WARNING: COMBUSTIBLE MATERIAL!

Unusual Fire/Explosion Hazard:EMPTY CONTAINERS MAY RETAIN PRODUCT
RESIDUE OR VAPORS WHICH CAN IGNITE EXPLOSIVELY; DO NOT CUT, DRILL
OR WLED ON OR NEAR FULL OR EMPTY CONTAINER.

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

Spill Release Procedures:DO NOT PERMIT PRODUCT TO ENTER SEWERS, STREAMS
OR OTHER WATERWAYS. REMOVE ALL SOURCES OF IGNITION. DIKE SPILL

AND

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

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

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

Other Precautions:AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES. WARNING: FLAMMABLE LIQUID.

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===== Exposure Control
s/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 EXPOSURE BELOW TLV. GREATER THAN 60 F3/MIN.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES.

Other Protective Equipment:IMPERVIOUS GARMENTS AS REQUIRED.

Work Hygienic Practices:DO NOT WEAR CONTAMINATED CLOTHING.

LAUNDER

BEFORE RE-USE OR DISCARD. WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

DO NOT TAKE ANY FOOD OR DRINK, OR HANDLE TOBACCO PRODUCT WHILE IN CONTACT WITH THIS PRODUCT.

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

HCC:F4

Boiling Pt:B.P. Text:300-360F

Vapor Pres:42

Vapor Density:4

Spec Gravity:0.91

Evaporation Rate & Reference:0.16 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK FLUID. HYDROCARBON SOLVENT ODOR.

Per

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HEAT, OPEN FLAME.

Hazardous Decomposition Products: HYDROGEN SULFIDE; AND CARBON MONOXIDE THROUGH INCOMPLETE COMBUSTION.

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

Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELLED, TRANSPORTED, AND DISPOSED OF OR RECLAIMED IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. DISPOSE OF BY METHOD IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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