

CASTROL INC.,BRAY PRODUCTS DIV. -- BRAYCO 717 -- 9150-00-290-4091  
===== Product Identification =====

Product ID:BRAYCO 717

MSDS Date:06/19/1997

FSC:9150

NIIN:00-290-4091

Kit Part:Y

MSDS Number: CHMBS

=== 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 202-4837616

COLL

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

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:2,6-DI-TERT-BUTYL-P-CRESOL

CAS:128-37-0

RTECS #:GO7875000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3; 9596

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 65-70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 15-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE-MAY CAUSE EYE IRRITATION.

SKIN-CONTACT MAY CAUSE SKIN IRRITATION. INGESTION-THIS PRODUCT MAY CAUSE GASTROINTESTINAL DISTRESS. INHALATION-INHALATION OF HIGH C

ONCENTRATIONS OF MISTS MAY PRODUCE IRRI TATION AND DAMAGE TO THE RESPIRATORY TRACT.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:INGESTION-NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYE-FLUSH EYE WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. SKIN-WASH SKIN WITH PLENTY OF SOAP & WATER.

REMOVE CONTAMINATED CLOTHES. INGEST-ASPIRATION HAZARD, DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH. IF VOMITING OCCURS, PLACE VICTIM ON THE LEFT SIDE WITH HEAD DOWN. INHALE-REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. IF BREATHING STOPS, PERFORM ARTIFICIAL RESPIRATION

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

Flash Point Method:CO  
Flash Point:240F,116C  
Lower Limits:ND  
Upper Limits:ND  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CANS COOL. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING. STOP SOURCE OF LEAK IF POSSIBLE. DIKE, CONTAIN SPILL & RECOVER FREE LIQUID. PREVENT ENTRY WATERWAYS. SOAK UP RESIDUE WITH AN INERT ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; STORE & DISPOSE OF PROPERLY.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. 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.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATIONS EXCEEDS PERMISSIBLE EXPOSURE LIMITS.  
Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL, AND/OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV. GREATER THAN 60F3/M.  
Protective Gloves:USE NEOPRENE TYPES GLOVES.  
Eye Protection:SAFETY GLASSES

S WITH SIDE SHIELDS, GOGGLE

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NOT HAZARDOUS.

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

HCC:V6

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

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:0.8840

Evaporation Rate & Reference:ND

Solubility in Water:NIL

Appearance and Odor:LIGHT AMBER FLUID, PETROLEUM ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT AND SOURCES OF IGNITION.

Hazardous Decomposition Products:SMOKE, FUMES, CARBON DIOXIDE, CARBON  
MONOXIDE; MINOR AMOUNTS OF VARIOUS HYDROCARBONS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. DISPOSAL OF THIS MATERIAL TO THE LAND MAY BE  
BANNED  
BY FEDERAL LAW. MAY BE DISPOSED OF BY CONTROLLED  
INCINERATION.

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