

CASTROL INDUSTRIAL NORTH AMERICA INC. -- BRAYCO 717 -- 9150-00-261-8317

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

Product ID:BRAYCO 717

MSDS Date:04/06/1998

FSC:9150

NIIN:00-261-8317

MSDS Number: CHMBN

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC.

Address:1001 WEST 31ST STREET

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Info Phone Num:800-621-2661

Emergency Phone

Num:800-621-2661/800-424-9300(CHEMTREC)

CAGE:CASTI

=== Contractor Identification ===

Company Name:CASTROL INDUSTRIAL INC

Address:1001 W 31ST

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:708-241-4000

CAGE:CASTI

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:PHENOL,2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-/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:DISTILLATES,PETROLEUM,HYDROTREATED LIGHT NAPHTHE NIC/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)

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY & GASTROINTESTINAL TRACTS. ACUT

E- EYE:MAY CAUSE IRRITATION.

SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE IRRITATION & DEFATTING.

INHALE:VAPORS MAY CAUSE RESPIRATORY IRRITATION, DAMAGE TO LUNGS.

ORAL:CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING. ASPIRATION HAZARD. CHRONIC- NONE .

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:IRRITATION, REDNESS, SWELLING, NAUSEA, VOMITING, DIARRHEA, BLURRED VISION, TEARING, DEFATTING OF SKIN, HEADACHE, ABDOMINAL PAIN

Medical Cond Aggravated by Exposure:P

PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS & WASH SKIN WITH MILD SOAP & WATER OR WATERLESS CLEANER . ORAL:DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY. DO NOT LEAVE VICTIM UNATTENDED.

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

Flash Point Method:COC

Flash Point:241F,116C

Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. PROVIDE ADEQUATE VENTILATION. REMOVE SPILL WITH INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILLS AS REQUIRED TO AUTHORITIES.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:

STORE AT AMBIENT TEMPERATURES. KEEP

AWAY FROM STRONG OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. WASH

THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. DO NOT STORE NEAR FLAME.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:ADEQUATE

Protective Gloves:NEOPRENE TO MINIMIZE

SKIN CONTACT

Eye Protection:CHEMICAL GOGGLES/SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A, B AND C, SAME NSN.

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===== Physical/Chemical Properties =====
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HCC:V6

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:0.88 (LABEL)

Appearance and Odor:OIL

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS HYDROCARBONS, SMOKE, FUMES

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===== Disposal Considerations =====
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Waste Disposal Methods:DISPOSE OF IN

ACCORDANCE WITH LOCAL, STATE AND

FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

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