

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCO 717 -- 9150-01-263-8427

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Product Identification
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Product ID:BRAYCO 717

MSDS Date:04/16/1999

FSC:9150

NIIN:01-263-8427

Status Code:A

MSDS Number: CJTDD

=== 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

Eme

rgency Phone Num:800-621-2661

Chemtrec Ind/Phone:(800)424-9300

CAGE:2R128

=== Contractor Identification ===

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

Contract Num:SP0450-99-M-B320

CAGE:2R128

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Composition/Information on Ingredients
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Ingred

Name:PHENOL,2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-/2,6-DI-TERT-BUTYL

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P-CRESOL

CAS:128-37-0

RTECS #:GO7875000

Minumum % Wt:1.

Maxumum % Wt: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

Minumum % Wt:65.

Maxumum % Wt: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 NAPHTHENIC/MINERAL

Maximum % Wt: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- CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN
ABSORPTION-NO ACUTE EFFECTS EXPECTED. INGESTION-THIS PRODUCT MAY
CAUSE GAST
ROINTESTINAL DISTRESS. INHALA TION-INHALATION OF HIGH
CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE
RESPIRATORY TRACT.
Explanation of Carcinogenicity:NONE LISTED.
Effects of Overexposure:IF INGESTED, THE SYMPTOMS MAY BE: NAUSEA,
VOMITING, DIARRHEA, AND ABDOMINAL PAIN. IRRITATION IF INHALED.

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First Aid Measures
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First Aid:EYE- FLUSH EYES WITH WATER.SKIN- WASH SKIN WITH SOAP& WATER.
REVOVE CONTAMINATED CLOTHING.
GET MEDICAL ATTENTION IF IRRITATION
PERSISTS. USE SKIN CREAM FOR DEFATTED AREAS. INGESTION-DO NOT
INDUCE VOM ITING OR GIVE ANYTHING BY MOUTH, THIS MATERIAL CAN ENTER
THE LUNGS AND CAUSE SEVERE DAMAGE. DO NOT LEAVE VICTIM UNATTENDED.
IF VOMITING OCCURS, OR IF COMATOSA OR LETHARGIC, PLACE ON LEFT SIDE
WITH HEA D DOWN.SEEK IMMEDIATE MEDICAL ATTENTION. INHALATION-REMOVE
FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. IF BREATHING HAS
STOPPED, PERFORM CPR. KEEP PERSON WARM AN
D AT REST. TREAT
SYMPTOMATICALLY AND S UPPORTIVELY. GET MEDICAL ATTENTION .

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:=116.C, 240.8F
Autoignition Temp:Autoignition Temp Text:N/D
Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM. USE WATER
TO KEEP FIRE EXPOSED CONTAINER COOL. USE WATER TO KEEP FIRE EXPOSED
CONTAINERS COOL.
Fire Fighting Procedures:FOR FIRES IN ENCLOSED AREAS FIREFIGHTERS MUST
USE SELF-CONTAI

NED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE
CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER
SUPPLY. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE.
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. STOP SOURCE OF
LEAK. DIKE,CONTAIN SPILL & RECOVER LIQUID.PREVENT ENTRY INTO
WATERWAYS. SOAK UP RESIDUE WITH AN INERT ABSORBENT SUCH
AS CLAY,
SAND OR OTHER SUITABLE MATERIALS -STORE AND DISPOSE OF PROPERLY.
FLUSH AREA WITH WATER. WHERE FEASIBLE AND APPROPRIATE, REMOVE
CONTAMINATED SOIL. SMALL SPILLS:NEUTRALIZE & SOAK UP SPILL WITH
INERT ABSORBENT.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. AVOID
PROLONGED/REPEATED BREATHING OF VAPORS MISTS, FUMES. KEEP CONTAINER
TIGHTLY CLOSED. DO
NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS.
MAINTAIN ADEQUATE VENTILATION. STORE IN A CLOSED CONTAINER AND
DISPOSE OF PROPERLY.

Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. WASH
THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. DO NOT STORE NEAR FLAME.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC
VAPOR CARTRIDGE IF VAPOR CONCENTRATIONS EXCEED
S PERMISSIBLE
EXPOSURE LIMIT.PROVIDE SUFFICIENT MECHANICAL, GENERAL, AND OR LOCAL
EXHAUST TO MAINTAIN EXP OSURE BELOW TLV. GREATER THAN 60F3/MIN
RECOMMENDED.

Ventilation:MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:NEOPRENE TO MINIMIZE SKIN CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD OR CHEMICAL GOGGLES.

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING AND CHEMICAL
RESISTANT SAFETY SHOES SHOULD BE WORN TO MINIMIZE CONTACT.

Work Hygienic Practices:WASH CON

TAMINATED CLOTHING WITH SOAP AND WATER
AND DRY BEFORE REUSE. EMERGENCY SHOWER AND EYEWASH FACILITY SHOULD
BE PROVIDED IN ALL AREAS IN WHICH THIS PRODUCT IS HANDLED.

Supplemental Safety and Health

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

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=204.4C, 400.F

Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED

Spec Gravity:0.88

Solubility in Water:NI

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Appearance and Odor:LIGHT AMBER FLUID; PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, HEAT AND SOURCES OF IGNITION.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:SMOKE, FUMES, CO, CO2, MINOR AMOUNTS
OF VARIOUS HYDROCARBONS.

===== Toxicological Information =====

Toxicological Information:CHRONIC EFFECTS: A REVIEW OF THE LITERATURE

DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

===== Ecological Information =====

Ecological:NO SPECIFIC DATA ARE AVAILABLE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

===== MSDS Transport Information =====

Transport Information:DOT: NOT REGULATED.

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ation by the compiling agencies):

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