

CASTROL NORTH AMERICA/SPECIALTY PRODUCTS DIV -- BRAYCO 881 -- 9150-01-386-6687

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Product Identification
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Product ID:BRAYCO 881

MSDS Date:05/01/1994

FSC:9150

NIIN:01-386-6687

MSDS Number: BWRHZ

=== Responsible Party ===

Company Name:CASTROL NORTH AMERICA/SPECIALTY PRODUCTS DIV

Address:16715 VON KARMAN AVE.,SUITE 230

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-660-9414

Eme

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

Preparer's Name:RICHARD D. VICARTIS

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

CAGE:2R128

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Composition/Information on Ingredients
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Ingred Name:TRIPHENYL PHOSPHATE

CAS:115-86-6

RTECS #:TC8400000

Fraction by Wt: 1-

5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 MG/M3

ACGIH TLV:3 MG/M3; 9495

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES 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. INGESTIO

N CAN CAUSE G/I

IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC, OR OSHA.

Effects of Overexposure:EYE:IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN:IRRITATION, DEFATTING, DERMATITIS.

INHALED:RESPIRATORY/NASAL IRRITATION, DIZZINESS, HEADACHE, POSSIBLE UNCONSCIOUSNESS, ASPHYXIATION.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WIPE MATERIAL FROM SKIN. WASH THOROUGHLY W/SOAP & WATER. EYES:FLUSH W/LARGE AMOUNTS OF CLEAN WATER FOR AT LEAST 15 MIN. CONTACT PHYSICIAN IF IRRITATION PERSISTS. INGESTION:DO NOT INDUCE VOMITING. ASPIRATION HAZARD. GET MEDICAL ATTENTION. INHALATION:REMOVE FROM AREA OF EXPOSURE. ADMINISTER OXYGEN IF DEEMED NECESSARY OR CPR IF BREATHING HAS STOPPED. CONSULT DOCTOR

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Fire Fighting Measures

Flash Point Method:COC

Flash Point:360F,182C

Extinguishing Media:DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROATHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS. COMBUSTIBLE AT HIGH TEMPERATURES, SLIGHT FIRE/EXPLOSION HAZARD IF EXPOSED TO FLAME

Unusual Fire/Explosion Hazard:"EMPTY" CONTAINERS RETAIN RESIDUE & CAN IGNITE EXPLOSIVELY. DO NOT CUT, DRILL, OR WELD ON OR NEAR FULL OR EMPTY CONTAINERS.

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Accidental Release Measures

Spill Release Procedures:DO NOT PERMIT TO ENTER SEWERS, STREAMS, WATER WAYS. REMOVE ALL SOURCES OF IGNITION. DIKE SPILL & ELIMINATE LEAK. ABSORB W/DRY INERT MATERIAL & STORE IN CLOSED CONTAINERS UNTIL DISPOSAL.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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Handling and Storage

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. AVOID PROLONGED &/OR REPEATED BREA

THING OF VAPORS, MISTS, FUMES. KEEP
CONTAINER TIGHTLLY CLOSED.

Other Precautions:DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS.
MAINTAIN ADEQUATE VENTILATION.

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

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

Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL AND/OR LOCAL EXHAUST
TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RESISTANT TYP
E (SUCH AS NEOPRENE).

Eye Protection:SPLASH GOGGLES AND/OR SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS GARMENTS AS REQUIRED.

Work Hygienic Practices:DO NOT WEAR CONTAMINATED CLOTHING. LAUNDER
BEFORE REUSE. WASH THOROUGHLY AFTER USE.

Supplemental Safety and Health

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

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

HCC:V6

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>500F,>26

0C

Vapor Pres:N/D

Spec Gravity:0.84

Evaporation Rate & Reference:N/D

Solubility in Water:SLIGHT

Appearance and Odor:PALE STRAW COLORED FLUID, MILD PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:IRRITATING OR TOXIC FUMES, CARBON
DIOXIDE & CARBON MONOXIDE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELLED, TRANSPORTED & DISPOSED OF OR RECLAIMED IN CONFORMANCE W/GOOD ENGINEERING PRACTICE. DISPOSE OF BY METHOD I/A/W FEDERAL, STATE & LOCAL REGULATIONS REGARDING HEALTH, AIR & WATER POLLUTION.

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