

CASTROL INC.,BRAY PRODUCTS DIV. -- BRAYCO 421 -- 9150-00-191-2772

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

Product ID:BRAYCO 421

MSDS Date:03/03/1992

FSC:9150

NIIN:00-191-2772

MSDS Number: BTSDN

=== 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

Emergency Phone Num:714-660-9

414/800-424-9300(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:2R12

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 ===== Composition/Information on Ingredients =====
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Ingred Name:THE MANUFACTURER STATES THAT NO HAZARDOUS INGREDIENTS ARE PRESENT IN THIS PRODUCT.

RTECS #:9999999ZZ

Fraction by Wt: 100%

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 ===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:MAY CAUSE MILD EYE IRRITATION.

PROLONGED/REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION,

DEFATTING. EXCESSIVE INHALATION OF VAPORS MAY CAUSE NASAL/RESPIRATORY IRRITATION, DIZZINESS. INGESTION CAN CAUSE GI IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO COMMENTS OTHER THAN THE REFERENCE TO THE THREE LISTINGS.

Effects of Overexposure:EYE:IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN:IRRITATION, DEFATTING, DERMATITIS. RESPIRATORY/NASAL IRRITATION, DIZZINESS, NAUSEA, HEADACHE; POSSIBLE UNCONSCIOUSNESS, ASPHYXIATION.

Medical Cond Aggravated by Exposure:NONE KNOWN

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 ===== First Aid Measures =====
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First Aid:SKIN:REMOVE CONTAMINATED CLOTHING. WIPE MATERIAL FROM SKIN. WASH THOROUGHLY W/SOAP & WATER. EYE:FLUSH W/CLEAN WATER FOR 15 MIN.CONTACT PHYSICIAN. INGESTED:DO NOT INDUCE VOMITING;ASPIRATION HAZARD. CONSULT PHYSICIAN IMMEDIATELY. INHALED:REMOVE FROM EXPOSURE. ADMINISTER OXYGEN IF NECESSARY. IF BREATHING HAS STOPPED, ADMINISTER CPR. CONTACT A PHYSICIAN.

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 ===== Fire Fighting Measures =====
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Flash Point Method:COC

Flash Point:>399F,>204C

Lower Limits:ND

Upper Limits:ND

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM

Fire Fighting Procedures:WEAR SCBA IN POSITIVE PRESSURE MODE IN CONFINED AREAS. USE WATER AS SPRAY OR FOG TO COOL CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:'EMPTY' CONTAINERS MAY RETAIN PRODUCT RESIDUE OR VAPOR WHICH CAN IGNITE EXPLOSIVELY.

DO NOT CUT, DRILL OR
WELD, ON OR NEAR FULL OR EMPTY CONTAINERS.

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

Spill Release Procedures:DO NOT PERMIT PRODUCT TO ENTER STREAMS,
WATERWAYS. DIKE SPILL AND ELIMINATE LEAK. ABSORB WITH INERT
MATERIAL AND STORE IN CLOSED CONTAINERS UNTIL DISPOSAL.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:MAINTAIN AMBI
ENT TEMPERATURES. AVOID

PROLONGED/REPEATED BREATHING OF VAPORS,MISTS,FUMES. DO NOT STORE
NEAR HEAT, STRONG OXIDANTS. KEEP TIGHTLY CLOSED.

Other Precautions:MAINTAIN ADEQUATE VENTILATION.

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

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

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST & MECHANICAL VENTILATION
TO MAINTAIN EXPOSURE BELOW TLV. >60 FT

3/MIN RECOMMENDED.

Protective Gloves:NNEOPRENE OR OTHER RESISTANT TYPE

Eye Protection:SAFETY GLASSES OR CHEM SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS GARMENTS AS REQUIRED

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

Supplemental Safety and Health

DO NOT TAKE ANY FOOD OR DRINK OR HANDLE TOBACCO PRODUCT SHILE IN
CONTACT WITH THIS PRODUCT. **MSDS RECEIVED FROM NAVY (FOCAL POINT
N). NAVY IDENTIFIED NSN

& CAGE CODE. HMIS COULD NOT FIND ANY

RECOR D OF DLA HAVING PURCHASED THIS MATERIAL.

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

HCC:V6

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:ND

Vapor Density:>1

Spec Gravity:0.88

Evaporation Rate & Reference: