

CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS DIV -- BRAYCO 885 --
9150-01-102-5020

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

Product ID:BRAYCO 885
MSDS Date:12/22/1998
FSC:9150
NIIN:01-102-5020
Status Code:A
MSDS Number: CLJQP
=== Responsible Party ===
Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV
Address:1001 WEST 31ST STREET
City:DOWNERS GROVE
State:IL
ZIP:605
15-1280
Country:US
Info Phone Num:630-241-4000/800-621-2661
Emergency Phone Num:(800)424-9300
Resp. Party Other MSDS Num.:27021-AW
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
CAGE:2R128
Company Name:SDB CONSULTANTS LTD
Address:401 WHITNEY AVE SUITE 120
Box:City:G
RETNA
State:LA
ZIP:70056
Country:US
Phone:504-366-9105
Contract Num:SP0450-99-M-B182
CAGE:0PGK2

===== Composition/Information on Ingredients =====

Ingred Name:NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT
CAS:25619-56-1
Minimum % Wt:1.
Maximum % Wt:5.
OSHA PEL:0.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

ronic:EYES: MAY CAUSE IRRITATION. SKIN:

CONCENTRATE MAY CAUSE IRRITATION. INGESTION: MAY CAUSE GASTROINTESTINAL DISTRESS WITH SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA,&ABDOMINAL PAIN. INHALATION: INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION & DAMAGE TO THE RESPIRATORY TRACT. CHRONIC EFFECTS: A REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

Explanation of Carcinogenicity:NOT SPECIFIED BY MANUFACTURER. HOWEVER, NOT FOUND ON NTP,

IARC, OR OSHA LIST OF CARCINOGENS BY HMIS.

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

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. IN GESTION: ASPIRATION HAZARD- DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN ENTER THE LUNGS & CAUSE SEVERE DAMAGE. DO NOT LEAVE VICTIM UNATTENDED. IF VOMITING OCCURS, OR IF COMATOSE OR LETHARGIC , PLACE ON THE LEFT SIDE WITH THE HEAD DOWN. SEEK MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. GET MEDICAL ATTENTION IMMEDIATELY & TREAT SYMPTOMATICALLY.

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

Flash Point Method:COC

Flash Point:=-232.2C, 450.F

Autoigni

tion Temp:Autoignition Temp Text:ND

Lower Limits:ND

Upper Limits:ND

Extinguishing Media:WATER, FOG, DRY CHEMICAL, FOAM OR CO2.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WHEN FIRE FIGHTING IN A CONFINED SPACE. COOL FIRE EXPOSED CONTAINERS WITH WATERSPRAY TO PREVENT RUPTURE.

Unusual Fire/Explosion Hazard:POTENTIAL COMBUSTION PRODUCTS ARE OXIDES OF CARBON AND BARIUM.

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

Spill Release Procedures:LAR

GE SPILLS: WEAR APPROPRIATE PROTECTIVE CLOTHING. STOP SOURCE OF LEAK IF POSSIBLE. DIKE, CONTAIN SPILL & RECOVER FREE LIQUID. PREVENT ENTRY INTO WATERWAYS. SOAK UP RESIDUE WITH AN INERT ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIALS; FLUSH AREA WITH WATER. SMALL SPILLS: NEUTRALIZE AND/OR SOAK UP SPILL WITH INERT ABSORBENT. STORE IN A CLOSED CONTAINER.

===== 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.

Other Precautions: NONE

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

Respiratory Protection: GOOD INDUSTRIAL HYGIENE PRACTICES RECOMMEND THAT ENGINEERING CONTROLS BE USED TO REDUCE ENVIRONMENTAL CONCENTRATIONS TO THE THRESHOLD LIMIT VALUE (TLV) OR PERMISSIBLE EXPOSURE LIMIT

(PEL). IF ANY ASSOCIATED TLV OR PEL IS EXCEEDED, PROVIDE NIOSH APPROVED RESPIRATORY PROTECTION.

Protective Gloves: NEOPRENE

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.

EMERGENCY SHOWER AND EYEWASH FACILITY SHOULD BE PROVIDED IN ALL AREAS IN WHICH THIS PRODUCT IS HANDLED.

Work Hygienic Practices: WASH CONTAMINATED CLOTHING WITH SOAP AND WATER

AND DRY BEFORE REUSE.

Supplemental Safety and Health

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

HCC: V6

Boiling Pt: >260.C, 500.F

Melt/Freeze Pt: M.P/F.P Text: N/D

Vapor Pres: N/D

Vapor Density: N/D

Spec Gravity: @60F=0.930 (H₂O=1)

Evaporation Rate & Reference: N/D (N-BUTYL-ACETATE=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: BROWN LIQUID, MILD ODOR

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

Stability Indicator/M

aterials to Avoid:YES

STRONG OXIDIZERS, HEAT AND SOURCES OF IGNITION.

Stability Condition to Avoid:STRONG OXIDIZERS, HEAT AND SOURCES OF IGNITION.

Hazardous Decomposition Products:POTENTIAL COMBUSTION PRODUCTS ARE OXIDES OF CARBON AND BARIUM.

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

Toxicological Information:EYE/SKIN EFFECTS: MAY CAUSE IRRITATIONS.ACUTE ORAL EFFECTS (INGESTION): THIS PRODUCT MAY CAUSE GASTROINTESTINAL DISTRESS WITH SYMPTOMS OF NAUSEA, VOMITING,DIARRHEA,AND ABDOMINALPAIN.ACUTE INHALATION EFFECT:INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE RESPIRATORY.CHRONIC EFFECT: A REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

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

Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT.

===== 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 (40 CFR 268). THIS PRODUCT AS PURCHASED DOES NOT FALL UNDER CURRENT US EPA RCRA DEFINITIONS OF HAZARDOUS WASTE. UNDER RCRA IT IS THE GENERATOR'S RESPONSIBILITY TO DETERMINE THE STATUS OF THE WASTE AT DISPOSAL TIME.

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

Transport Information:NOT REGULATED (IF SHIPPED BY LAND IN NON BULK PACKAGING).HAZARD CLASS NOT REGULATED.IDENTIFICATION NUMBER(UN OR NA NUMBER): NOT REGULATED. PACKING GROUP:NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:THERE ARE NO 313 CHEMICALS PRESENT ABOVE THRESHOLD VALUES.SECTION 313/312 HAZARD CLASS:IMMEDIATE:NO. DELAYED: NO. FIRE: NO. REACTIVITY: NO. SUDDEN RELEASE OF PRESSURE: NO

Federal Regulatory Information:HAZARDOUS PER OSHA 29 CFR 1910.1200: YES.THIS PRODUCT

T IS A MIXTURE AND IS NOT LISTED IN THE TSCA INVENTORY. THE INDIVIDUAL INGREDIENT IN THE PRODUCT ARE LISTED IN THE TSCA INVENTORY.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

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