

CASTROL INC., SPECIALTY PRODUCTS DIV -- BRAYCO 885 -- 9150-00-223-4129

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

Product ID:BRAYCO 885

MSDS Date:08/06/1991

FSC:9150

NIIN:00-223-4129

MSDS Number: BRFMN

=== Responsible Party ===

Company Name:CASTROL INC., SPECIALTY 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:

714-660-9414/800-424-9300(CHEMTREC)

Preparer's Name:KAREL WRIGHT

CAGE:KO658

=== Contractor Identification ===

Company Name:CASTROL INC., SPECIALTY PRODUCTS DIV

Address:16715 VON KARMAN AVE SUITE 230

Box:City:IRVINE

State:CA

ZIP:92714

Country:US

Phone:714-660-9414

CAGE:KO658

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 =====

Ingred Name:"NOT HAZARDOUS"  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

==== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
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. INGESTION CAN CAUSE  
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:--EYE IRRITATION, REDNESS, TEARING, BLURRED  
VISION--SKIN IRRITATION, DEFATTING, DERMATITIS--RESPIRATORY/NASAL  
IRRITATION, DIZZINESS, NAUSEA, HEADACHE; POSSIBLY UNCONSCIOUSNESS,  
ASPHYXIATION.  
Medical Cond Aggravated by Exposure:NON  
E KNOWN.

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

First Aid:SKIN-REMOVE CONTAMINATED CLOTHING. WIPE MATERIAL FROM SKIN.  
WASH WITH SOAP & WATER. EYES-FLUSH EYE WITH LARGE AMOUNTS OF CLEAN  
WATER FOR AT LEAST 15 MIN. CONTACT A PHYSICIAN IF IRRITATION  
PERSISTS. IN GESTION-DO NOT INDUCE VOMITING; ASPIRATION HAZARD.  
CONSULT A PHYSICIAN IMMEDIATELY. INHALATION-REMOVE FROM AREA OF  
EXPOSURE, ADMINISTER OXYGEN IF DEEMED NECESSARY. IF STOPPED  
BREATHING  
, DO CPR.

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

Flash Point Method:COC  
Flash Point:450F,232C  
Lower Limits:ND  
Upper Limits:ND  
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM.  
Fire Fighting Procedures:USE WATER AS FOG OR SPRAY TO COOL FIRE EXPOSED  
CONTAINERS. USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED  
SPACES.  
Unusual Fire/Explosion Hazard:EMPTY COINTAINERS MAY RETAIN RESIDUE OR  
VAPORS WHICH CAN IGNITE EXPLOSIVELY; DO NOT CUT, DRILL, OR WE

LD ON  
OR NEAR EMPTY CONTAINERS.

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

Spill Release Procedures:DO NOT PERMIT PRODUCT TO ENTER SEWERS OR WATERWAYS. REMOVE ALL SOURCES OF IGNITION. DIKE SPILL & ELIMINATE LEAK, ABSORB WITH DRY INERT MATERIAL AND STORE IN CLOSED CONTAINERS UNTIL DISPOSAL.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDIZANTS. 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 MECHANICAL, GENERAL &/OR LOCAL EXHAUST TO MAINTAIN EXPOSURES BELOW TLV. GREATER THAN 60FT<sup>3</sup>/MIN RECCM.

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Protective Gloves:NEOPRENE GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS GARMENTS AS REQUIRED. EYE WASH STATION AND SAFETY SHOWER.

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

Supplemental Safety and Health

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

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

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HCC:V6

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

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:0.93

Evaporation Rate & Reference:ND

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN LIQUID - MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:SMOKE, FUMES, CARBON MONOXIDE AND CARBON DIOXIDE, MINOR AMOUNT OF

VARIOUS HYDROCARBONS, OXIDES OF  
SULFUR.

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

Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELLED, TRANSPORTED, & DISPOSED OF OR RECLAIMED IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. DISPOSE OF BY METHOD IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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