

CASTROL INC., SPECIALTY PRODUCTS DIVISION -- BRAYCO 363 -- 9150-00-273-2397

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

Product ID:BRAYCO 363

MSDS Date:11/13/1990

FSC:9150

NIIN:00-273-2397

MSDS Number: BDSBD

=== Responsible Party ===

Company Name:CASTROL INC., SPECIALTY PRODUCTS DIVISION

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City:IRVINE

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ZIP:92714

Country:US

Info Phone Num:714-660-9414

Emergency

Phone Num:800-424-9300, CHEMTREC

Preparer's Name:KAREL WRIGHT

CAGE:EO309

=== Contractor Identification ===

Company Name:CASTROL INC., SPECIALTY PRODUCTS DIV

Address:1001 W 31 STREET

City:DOWNERS GROVE

State:IL

ZIP:60515

Country:US

Phone:708-241-4000

CAGE:EO309

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

===== Composit

ion/Information on Ingredients =====

Ingred Name:NO HAZARD INGREDIENTS STATED BY MANUFACTURERS

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:BELIEVED TO BE MODERATELY IRRITATING
TO EYES, SLIGHTLY IRRITATING TO SKIN. PROLONGED OR REPEATED SKIN
CONTACT MAY RESULT

IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS.

INHALATION OF VAPORS GENERATED AT HIGH TEMPERATURES OR MISTS MAY
IRRITATE RESPIRATORY TRACT.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT CONSIDERED HAZARDOUS
BY THE MANUFACTURER.

Effects of Overexposure:SKIN IRRITATION, DEFATTING, DERMATITIS.
RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RES

USCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:280F

,138C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:DO NOT USE WATER EXCEPT AS FOG OR SPRAY
TO COOL CONTAINERS OR TANKS TO AVOID HEATING ABOVE FLASH PT

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

Spill Release Procedures:DO NOT PERMIT

PRODUCT TO ENTER STREAMS, SEWERS
OR OTHER WATERWAYS. DIKE SPILL AND ELIMINATE LEAK. ABSORB WITH
INERT MATERIAL AND STORE IN CLOSED CONTAINERS UNTIL DISPOSAL.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT
CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE
MIST. AVOID

PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR
CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29
CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR
SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.
LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MISTS.

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

HCC:V6

Boiling Pt:B.P. Text:>400F,>204C

Spec Gravity:0.88

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN FLUID, SLIGHT PETROLEUM ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AG

ENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
SMOKE, FUMES, AND OXIDES OF SULFUR.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. MAY BE
DISPOSED OF BY CONTROLLED INCINERATION.

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