

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCO 815Z -- 9150-01-036-9604

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

Product ID:BRAYCO 815Z

MSDS Date:04/06/1998

FSC:9150

NIIN:01-036-9604

Status Code:A

MSDS Number: CJRGW

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC

Address:1001 WEST 31ST STREET

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Info Phone Num:800-621-2661

E

mergency Phone Num:800-621-2661

Resp. Party Other MSDS Num.:27090A

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:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

Contract

Num:SP0450-99-M-B269
CAGE:0PGK2

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Composition/Information on Ingredients
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Ingrid Name:CONTAINS NO INGREDIENTS NOW KNOWN TO BE HAZARDOUS BY OSHA

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Health Hazards Acute and Chronic:TARGET ORGANS: NONE SPECIFIED BY
MANUFACTURER. EYE: MAY CAUSE EYE IRRITATION. SKIN CONTACT:
CONCENTRATE MAY CAUS

E SKIN IRRITATION. SKIN ABSORPTION: NO ACUTE

EFFECTS EXPECTED. INGESTION: THIS PRODUCT M AY CAUSE

GASTROINTESTINAL DISTRESS. INHALATION: INHALATION OF DECOMPOSITION

PRODUCTS OR OF SMOKE FROM CONTAMINATED TOBACCO PRODUCTS MAY CAUSE

RESPIRATORY IRRITATION AND INDUCE POLYMER FUME FEVER. CHRO NIC: A

REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

Explanation of Carcinogenicity:NO COMPONENT PRESENT IN THIS PRODUCT AT

>0.1% IS PRESENTLY LISTED AS A CARCINOGEN B

Y THE IARC, NTP OR OSHA.

Effects of Overexposure:EYES & SKIN-IRRITATION. INGESTION-NAUSEA,
VOMITING, DIARRHEA, ABDOMINAL PAIN. INHALATION-RESPIRATORY
IRRITATION, POLYMER FUME FEVER.

Medical Cond Aggravated by Exposure:NO MEDICAL CONDITIONS ARE KNOWN TO
BE AGGRAVATED BY EXPOSURE.

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First Aid Measures
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First Aid:EYES-FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION
OCCURS. SKIN-WASH THOROUGHLY WITH SOAP & WATER. OBTAIN IMMEDIAT

E

MEDICAL ATTENTION IF GREASE INJECTED UNDER SKIN. INGESTION-DO NOT
INDUCE VO MITING. IMMEDIATELY GIVE 2 GLASSES OF CHARCOAL SLURRY OR
WATER. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON. CONTACT A PHYSICIAN. INHALATION-REMOVE FROM EXPOSURE AREA
TO FRESH AI R IMMEDIATELY. ADMINISTER OXYGEN IF NECESSARY. POLYMER
FUME FEVER SYMPTOMS SHOULD SUBSIDE IN 24 HOURS.

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Fire Fighting Measures
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Flash Point:NONE

Autoig

Ignition Temp:Autoignition Temp Text:N/D

Extinguishing Media:NOT A FIRE HAZARD.

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING.USE WATER TO KEEP FIRE EXPOSED CONTAINER COOL.WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE.FOR FIRES IN ENCLOSED AREAS,FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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= Accidental Release Measures =====

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING. STOP LEAK AT SOURCE IF POSSIBLE. DIKE, CONTAIN SPILL & RECOVER FREE LIQUID. PREVENT ENTRY INTO WATERWAYS. SOAK UP WITH INERT MATERIAL. STORE & DISPOSE OF PROPERLY . FLUSH AREA WITH WATER. WHERE FEASIBLE & APPROPRIATE, REMOVE CONTAMINATED SOIL. SMALL SPILL: NEUTRALIZE/SOAK UP WITH INERT ABSORBENT. STORE IN A CLOSED CONTAINER & DISPOSE PROPERLY.

Neutralizing Agent:

None SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES. KEEP CONTAINERS TIGHTLY CLOSED. DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILATION .

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:PROVIDE

NIOSH-APPROVED RESPIRATORY

PROTECTION.NOT NORMALLY REQUIRED;PROVIDE EXHAUST IF TEMPERATURE IS EXPECTED TO EXCEED 300C.

Ventilation:ENGINEERING BE USED TO REDUCE ENVIRONMENTAL CONCENTRATIONS TO THE THRESHOLD LIMIT VALUE.PROVIDE EXHAUST IF TEMPERATURE EXCEEDS 300C.

Protective Gloves:NEOPRENE TYPE GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD;CHEMICAL GOGGLES

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING AND CHEMICAL RESISTANT SAFETY SHOES.EMERGENCY SHOWERS

R 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

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:>260.C, 500.F

Decomp Temp:>200.C, 392.F

Vapor Pres:280C.LEWIS ACID

CATALYSTS,STRONG OR NON-AQUEOUS ALKALI

Stability Condition to Avoid:NONE KNOWN

Hazardou

s Decomposition Products:HIGH TEMPERATURES (>200C) YIELDS

HYDROGEN FLUORIDE,CARBONYL FLUORIDE,AND OTHER ACID FLUORIDES

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

Toxicological Information:EYE: MAY CAUSE EYE IRRITATION. SKIN CONTACT:
CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN ABSORPTION: NO ACUTE
EFFECTS EXPECTED. INGESTION: THIS PRODUCT MAY CAUSE
GASTROINTESTINAL DISTRESS. INHALATION: INHALATION OF DECOMPOSITION
PRODUCTS OR OF SMOKE FROM CONTAMINAT
ED TOBACCO PRODUCTS MAY CAUSE
RESPIRATORY IRRITATION AND INDUCE POLYMER FUME FEVER. CHRONIC: A
REVIEW OF 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:PRODUCT, AS PURCHASED, DOES NOT FALL UNDER
CURRENT US EPA RCRA DEFINITIONS OF HAZARDOUS WASTE. U
NDER RCRA IT
IS THE GENERATOR'S RESPONSIBILITY TO DETERMINE THE STATUS OF THE
WASTE AT THE TIME OF ITS DISPOSAL. PACKAGE, TRANSPORT & DISPOSE OF
IAW LOCAL, STATE & FEDERAL REGULATIONS.

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

Transport Information:US DOT PROPER SHIPPING NAME: NOT REGULATED.

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

SARA Title III Information:SECTION 302 EHS: NO LISTED INGREDIENTS ARE
PRESENT IN THE 302 L

IST. SECTION 311/312: IMMEDIATE-YES;

DELAYED-NO; FIRE-NO; REACTIVITY-NO; SUDDEN RELEASE OF PRESSURE-NO.

SECTION 313: THERE ARE NO 313 CHEMICALS PRESENT ABOVE THRESHOLD VALUES.

Federal Regulatory Information:HAZARDOUS PER OSHA 29 CFR 1910.1200:

YES. THIS PRODUCT IS A MIXTURE AND IS NOT LISTED IN THE TSCA INVENTORY. THE INDIVIDUAL INGREDIENTS IN THE PRODUCT ARE LISTED IN THE TSCA INVENTORY.

State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

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=== Other Information =====

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