

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCOTE 806 -- 9150-00-961-8995
===== Product Identification =====

Product ID:BRAYCOTE 806

MSDS Date:12/30/1999

FSC:9150

NIIN:00-961-8995

MSDS Number: CKJDK

=== 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

Emergency Pho

ne Num:(800)424-9300

Preparer's Name:NOT PROVIDED

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

Contract Num:SP0450-00-M-C205

CAGE:2R128

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC.

Address:5511 DISTRICT BLVD

Box:City:LOS ANGELES

State:CA

ZIP:90040

Country:US

Phone:213-890-4420
CAGE:98308
Company Name:RADIAN INTL LLC
Address:8501 N MOPAC BLVD
Box:201088
City:AUSTIN
State:TX
ZIP:78720-1088
Country:US
Phone:512-419-5224
Contract Num:SP0450-00-D-4021
CAGE:29913

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Composition/Information on Ingredients
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Ingred Name:NON-HAZARDOUS INGREDIENT(S)
= Wt:100.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

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Hazards Identification
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LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic: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 WITH SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. INHALATION: INHALATION OF DECOMPOSITION PRODUCTS (OCCURS IF HEATED > 300 C) OR OF SMOKE FROM CONTAMINATED TOBACCO PRODUCTS MAY CAUSE RESPIRATORY IRRITATION AND INDUCE POLYMER FUME FEVER CONDITION. SYMPTOMS OF EXPOSURE TO DECOMPOSITION PRODUCTS ARE: LUNG IRRITATION, PULMONARY EDEMA, FLU-LIKE SYMPTOMS (EXAMPLE - FEVER CHILLS). CHRONIC: DOES NOT SHOW OBVIOUS LONG TERM HAZARD.
Explanation of Carcinogenicity:NO COMPONENT KNOWN TO BE PRESENT IN THIS PRODUCT AT >0.1% IS PRESENTLY LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.
Eff

Effects of Overexposure: 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 WITH SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. INHALATION: INHALATION OF DECOMPOSITION PRODUCTS (OCCURS IF HEATED >300C) OR OF SMOKE FROM CONTAMINATED TOBACCO PRODUCTS MAY CAUSE RESPIRATORY IRRITATION AND INDUCE POLYMER FUME FEVER CONDITIONS.

SYMPTOMS OF EXPOSURE TO

DECOMPOSITION PRODUCTS ARE: LUNG IRRITATION, PULMONARY EDEMA, FLU-LIKE SYMPTOMS (EXAMPLE-FEVER CHILLS).

Medical Conditions 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: EYE: IN CASE OF CONTACT, FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. SKIN: IN CASE OF CONTACT, WASH THOROUGHLY WITH SOAP AND WATER. OBTAIN

IMMEDIATE MEDICAL

ATTENTION IF GREASE IS INJECTED UNDER THE SKIN. INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY GIVE TWO GLASSES OF CHARCOAL SLURRY OR PLAIN WATER. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT A PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMEDIATELY. ADMINISTER OXYGEN IF DEEMED NECESSARY. POLYMER FUME FEVER SYMPTOMS SHOULD SUBSIDE WITHIN 24 HOURS.

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Fire Fighting Measures
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Flash Point: NONE

Autoignition Temp: Autoignition Temp Text: NONE

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

re/Explosion Hazard:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Spill Release Procedures:SCRAPE UP EXCESS GREASE AND STORE IN CLOSED CONTAINERS UNTIL DISPOSAL. CLEAN UP AREA WITH APPROPRIATE CLEANER. STORE IN METAL CONTAINER UNTIL DISPOSAL.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== 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:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATIONS EXCEEDS PERMISSIBLE EXPOSURE LIMIT. NOT NORMALLY REQUIRED; PROVIDE EXHAUST IF

TEMPERATURE IS EXPECTED TO EXCEED 300C.

Ventilation:PROVIDE EXHAUST IF TEMPERATURE IS EXPECTED TO EXCEED 300C.

Protective Gloves:USE NEOPRENE TYPE GLOVES WHEN HANDLING THIS PRODUCT.

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.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING WITH SOAP AND WATER AND DRY BEFORE REUSE.

Supplemental Safety and Health

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

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

HCC:V6

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED

Decomp Temp:>260.C, 500.F

Vapor Pres:1X10⁻⁷ @ 100F

Vapor Density:N/D

Spec Gravity:1.9000 +/-

Viscosity:NOT AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE COLORED GREASE; ODORLESS.

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

Stability Indicator/Materials to Avoid: YES

ACTIVE METALS, METAL OXIDES AT TEMPERATURES > 280 C, LEWIS ACID CATALYSTS, STRONG OR NON-AQUEOUS ALKALI.

Stability Condition to Avoid: NONE KNOWN.

Hazardous Decomposition Products: DECOMPOSITION AT HIGH TEMPERATURES (>200C) YIELDS HYDROGEN FLUORIDE, CARBONYL FLUORIDE, AND OTHER ACID FLUORIDES.

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

Toxicological Inform

ation: 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 WITH SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. INHALATION: INHALATION OF

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

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

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

Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, TRANSPORTED AND DISPOSED OF (OR RECLAIMED)

USING GOOD ENGINEERING

PRACTICES. DISPOSAL METHOD MUST BE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS REGARDING HEALTH, AIR AND WATER POLLUTION. DO NOT BURN MATERIALS CONTAMINATED WITH THIS PRODUCT.

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

Transport Information: NOT REGULATED.

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

SARA Title III Information: THERE ARE NO 313 CHEMICALS PRESENT ABOVE THRESHOLD VALUE. SECTION

ON 311/312 HAZARD CLASS: IMMEDIATE.

Federal Regulatory Information:US EPA HAZARDOUS WASTE NUMBERS: THIS PRODUCT AS PURCHASED DOES NOT FALL UNDER CURRENT U.S. EPA RCRA DEFINITIONS OF HAZARDOUS WASTE. UNDER RCRA IT IS THE GENERATOR'S RESPONSIBILITY TO DETERMINE THE STATUS OF THE WASTE AT THE TIME OF ITS DISPOSAL. HAZARDOUS PER OSHA 29 CFR 1910.1200. 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:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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