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CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCOTE 620 -- 9150-01-432-1835
========== Product Identification ==========

Product ID:BRAYCOTE 620
MSDS Date:11/28/2000
FSC:9150
NIIN:01-432-1835
MSDS Number: CJSGY
=== 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 /800-621-2661
Resp. Party Other MSDS Num.:25041A
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:SP0450-01-M-C316
CAGE:2R128
Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV
Address:1001 WEST 31ST STREET
Bo
x:City:DOWNERS GROVE
State:IL
ZIP:60515-1280
Country:US
Phone:800-621-2661/ FAX: 630-241-4140
Contract Num:SP0450-01-M-C319
CAGE:2R128
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:SP0450-99-M-B155
CAGE:2R128

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

Ingred Name:CONTAINS NO INGREDIENTS NOW KNOWN TO B

E HAZARDOUS BY OSHA

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN: CONCENTRATE MAY CAUSE IRRITATION. SKIN ABSORPTION: NO ACUTE EFFECTS EXPECTED. INHALATION: BREATHING OF DECOMPOSITION PRODUCTS (OCCURS IF HEATED ABOVE 300C) OR SMOKE F ROM CONTAMINATED TOBACCO PRODUCTS MAY CAUSE RESPI
RATORY IRRITATION AND INDUCE POLYMER FUME FEVER CONDITION. SYMPTOMS OF EXPOSURE TO DECOMPOSITION PRODUCTS: LUNGS IRRITATION, PULMONARY EDEMA, FLU-LIKE SYMPTOMS (FEVER CHILLS). NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE. INGESTION: GASTROINTESTINAL DISTRESS, SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN. CHRONIC: LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.
Explanation of Carcinogenicity:NO COMPONENT KNOWN TO BE PRESENT IN THIS PRODUC
T AT >0.1% IS PRESENTLY LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.
Effects of Overexposure:EYES: MAY CAUSE IRRITATION. SKIN: CONCENTRATE MAY CAUSE IRRITATION. SKIN ABSORPTION: NO ACUTE EFFECTS EXPECTED. INHALATION: BREATHING OF DECOMPOSITION PRODUCTS (OCCURS IF HEATED ABOVE 300C) OR SMOKE F ROM CONTAMINATED TOBACCO PRODUCTS MAY CAUSE RESPIRATORY IRRITATION AND INDUCE POLYMER FUME FEVER CONDITION. SYMPTOMS OF EXPOSURE TO DECOMPOSITION PRODUCTS: LUNGS IRRITATION, PUL
MONARY EDEMA, FLU-LIKE SYMPTOMS (FEVER CHILLS). NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE. INGESTION: GASTROINTESTINAL DISTRESS, SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN. CHRONIC: LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.
Medical Cond Aggravated by Exposure:NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE.

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

First Aid:EYES: IN CASE OF CONTACT, FLUSH WIT

H PLENTY OF WATER. GET
MEDICAL ATTENTION IF IRRITATION OCCURS. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. GET IMMEDIATE MEDICAL ATTENTION IF GREASE IS INJECTED UNDER THE SKIN. GET MEDICAL ATTENTION IF ADVERSE SYMPTOMS PERSIST. INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY GIVE TWO GLASSES OF CHARCOAL SLURRY OR PLAINWATER. DO NOT ATTEMPT TO GIVE ANYTHING BY MOU TH 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 WITH IN 24 HOURS.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:N/D
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NOT A FIRE HAZARD.
Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER
TO KEEP FIRE EXPOSED CONTAINER COOL. USE WATER SPRAY TO FLUSH SPILLS AWAY FROM EXPOSURE. FOR FIRES I
N ENCLOSED AREAS,
FIREFIGHTERS MUST USE SELF-CONTAIN ED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.
Unusual Fire/Explosion Hazard:NONE KNOWN.

========== 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:N
OT PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. AVOID
PROLONGED OR REPEATED BREATHING OF VAPORS, MISTS, FUMES. KEEP CONTAINERS TIGHTLY CLOSED. DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILA TION.
Other Precautions:NOT PROVIDED BY MANUFACTURER

========== 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 VENTILATION IF TEMPERATURE IS EXPECTED TO
EXCEED 300 C.
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 C
HEMICAL
RESISTANT SAFETY SHOES SHOULD BE WORN. PROVIDE EMERGENCY SHOWER
AND EYE WASH STATION IN ALL AREAS IN WHICH THIS PRODUCT IS HANDLED.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

HCC:V6
Boiling Pt:>260.C, 500.F
B.P. Text:DECOMPOSES
Vapor Pres:1X10-7 TORR@ 100 F
Spec Gravity:60F (H20=1): 1
.9580 +/-
Solubility in Water:INSOLUBLE
Appearance and Odor:WHITE, SMOOTH, BUTTERY GREASE - ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
ACTIVE METALS, METAL OXIDES AT TEMPERATURES >280C, LEWIS ACID
CATALYSTS, STRONG OR NON-AGUEOUS ALKALI.
Stability Condition to Avoid:NONE KNOWN. STABLE UNDER NORMAL
CONDITIONS.
Hazardous Decomposition Products:DECOMPOSITION AT HIGH TEMPERATURES
(>200C) YIELDS HYDROGEN FLUOR
IDE, CARBONYL FLUORIDE, AND OTHER ACID
FLUORIDES.

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

Toxicological Information:A REVIEW OF THE LITERATURE DOES NOT SHOW
OBVIOUS LONG TERM HAZARD.

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

Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT.
THIS PRODUCT AS PURCHASED DOES NOT FALL UNDER CURRENT U.S. EPA RCRA
DEFINITIONS OF HAZARDOUS WASTE. UNDER RCRA IT IS THE GENERATOR

'S
RESPONS IBILITY TO DETERMINE THE STATUS OF THE WASTE AT THE TIME OF ITS DISPOSAL.

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

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKAGED, TRANSPORTED AND DISPOSED OF (OR RECLAIMED) USING GOOD ENGINEERING PRACTICES. DISPOSAL MEHOD MUST BE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING HEALTH, AIR, AND WATER POLLUTION. DO NOT BURN MATERIALS CONTAMINATED WITH THIS PRODUCT
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========== MSDS Transport Information ==========

Transport Information:NOT REGULATED FOR TRANSPORTATION. TELEPHONE NUMBER FOR TRANSPORT INSTRUCTIONS: 800-621-2661, SHEA DEPARTMENT..

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

SARA Title III Information:SECTION 311/312 HAZARD CLASS(ES): IMMEDIATE: YES. DELAYED: NO. FIRE: NO. REACTIVITY: NO. SUDDEN RELEASE OF PRESSURE: NO. SECTION 313 TOXIC CHEMICALS: THERE ARE NO 313 CHEMICALS P
RESENT ABOVE THRESHOL D VALUES.
Federal Regulatory Information:HAZARDOUS PER OSHA 29 CFR 1910.1200: YES. CERCLA/EPCRA: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS): NO LISTED INGREDIENTS ARE PRESENT ON THE 302 LIST. OTHER FEDERAL REGULATIONS: 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:NOT PROVIDED

========== Other Information ==
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particular situation.