

CASTROL INDUSTRIAL NORTH AMERICA INC. -- BRAYCOTE 646 -- 9150-00-687-4241

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Product Identification
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Product ID:BRAYCOTE 646

MSDS Date:07/10/2000

FSC:9150

NIIN:00-687-4241

Status Code:A

MSDS Number: CLGMN

=== 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:800-621-26

61

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:MSDS CODE: 27073A

Chemtrec Ind/Phone:(800)424-9300

CAGE:UO137

=== 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-LK37

CAGE:2R128

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC.

Address:1001 WEST 31ST STREET

Box:City:DOWNE

RS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:800-621-2661

CAGE:UO137

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Composition/Information on Ingredients
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Ingred Name:NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT

CAS:25619-56-1

Minumum % Wt:1.

Maxumum % Wt:5.

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Hazards Identification
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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. SKI

N ABSORPTION: NO

ACUTE EFFECTS EXPECTED. INGESTION: THIS PRODUCT MAY CAUSE GASTROINTESTINAL DISTRESS. INHALATION: INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE RESPIRATORY TRACT. CHRONIC: A REVIEW OF THE LITERATURE 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.

Effects of Overexposure:INGESTION: SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN.

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

First Aid:EYE-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINS. GET MEDICAL AID IMMEDIATELY. SKIN-WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL AID IF IRRITATION PERSISTS. WASH CLOTHING BEFORE REUSE. USE SKIN CREAM FOR DEFATTED AREAS. INGESTION-ASPIRATION HAZARD: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH, MATERIAL CAN ENTER THE LUNGS & CAUSE SEVERE DAMAGE. DO NOT LEAVE UNATTENDED. IF VOMITING OCCURS, OF COMATOSA OR LETHARGIC, PLACE ON THE LEFT SIDE WITH THE HEAD DOWN. SEEK IMMEDIATE MEDICAL AID. INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXGEN IF NOT BREATHING. GET MEDICAL AID.

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

Flash Point Method:COC
Flash Point:>260.C, 500.F
Autoignition Temp:Autoignition Temp Text:NOT DE Lower
Limits:ND
Upper Limits:ND
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

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

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

AINERS UNTIL DI SPOSAL.

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===== 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:US EPA HAZARDOUS WASTE NUMBERS: THIS PRODUCT DOES NOT FALL UNDER CURRENT U.S. EPA RCRA DEFINITIONS OF HAZARDOUS WASTE. UNDER RCRA IT I

S THE GENERATOR`S RESPONSIBILITY TO DETERMINE THE STATUS OF THE WA STE AT THE TIME OF ITS DISPOSAL.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATIONS EXCEEDS PERMISSIBLE EXPOSURE LIMIT.

Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL, AND/OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV. GREATER THEN 60F3/MIN RECOMMENDED.

Protective Gloves:PVC O R NITRILE GLOVES SHOULD BE USED WHEN HANDLING THIS PRODUCT.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD OR CHEMICAL GOGGLES.

Other Protective Equipment:SAFETY SHOWER AND EYEWASH FACILITY. APPROPRIATE CLOTHING TO AVOID SKIN CONTACT.

Work Hygienic Practices:WASH CLOTHING BEFORE RESUE.

Supplemental Safety and Health
PRODUCT NAME: BRAYCOTE 646.

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

HCC:N1

Boiling Pt:>315.6C, 600.F

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

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:0.9300 -/+0.1(H20=1)@60F

Viscosity:NOT AVAILABLE

Evaporation Rate & Reference:ND

Solubility in Water:INSOLUBLE

Appearance and Odor:TAN SEMI-FLUID, MILD ODOR

Percent Volatiles by Volume:ND

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS. NONE KNOWN.

Hazardous Decomposition Products:POTENTIAL COMBU

STIN PRODUCTS ARE
OXIDES OF CARBON.

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

Toxicological Information: EYE EFFECTS: MAY CAUSE EYE IRRITATION. SKIN EFFECTS: CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN ABSORPTION: NO ACUTE EFFECTS EXPECTED. ACUTE ORAL EFFECTS (INGESTION): THIS PRODUCT MAY CAUSE GASTROINTESTINAL DISTRESS WITH SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. ACUTE INHALATION EFFECTS: INHALATION OF HIGH CONCENTRATIONS OF MIST MAY PRODUCE IRRITATION AND DAMAGE TO THE RESPIRATORY TRACT. CHRONIC EFFECTS: A REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

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

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

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSE OF THIS MATERIAL TO THE LAND MAY BE BANNED BY FEDERAL LAW (40 CFR 268).

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

Transport Information: HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME: NOT REGULATED. HAZARD CLASS: SAME AS ABOVE. IDENTIFICATION NUMBER (UN OR NA NUMBER): SAME AS ABOVE. PACKING GROUP: SAME AS ABOVE. FREIGHT CLASS: TELEPHONE NUMBER FOR TRANSPORT INSTRUCTION: 1-800-621-2661, SHEA DEPARTMENT.

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

SARA Title III Information: 313 LISTED CHEMICALS: 25619-56-1, BARIUM COMPOUND, 1.55%. EXPOSURE GUIDELINE: 25619-56-1, 0.5 MG/M³; TWA. CERCLA/EPCRA: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS): NO LISTED INGREDIENTS ARE PRESENT ON THE 302 LIST. SECTION 311/312 HAZARD CLASS(ES): IMMEDIATE: YES. DELAYED: YES. FIRE: NO. REACTIVITY: NO. SUDDEN RELEASE OR PRESSURE: NO. SECTION 313 TOXIC CHEMICALS: 25619-56-1. BARIUM COMPOUNDS.

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ral Regulatory Information:CONTAINS NO OTHER INGREDIENTS NOW KNOWN TO BE HAZARDOUS AS DEFINED BY OSHA. U.S. FEDERAL REGULATIONS: HAZARDOUS PER OSHA 29 CFR 1910.1200: YES. OTHER U.S. 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.

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

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