

CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS DIV -- BRAYCOTE 646 --
9150-00-753-4686

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

Product ID:BRAYCOTE 646
MSDS Date:04/16/1999
FSC:9150
NIIN:00-753-4686
Status Code:A
MSDS Number: CKPHC
=== Responsible Party ===
Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV
Address:1001 WEST 31ST STREET
City:DOWNERS GROVE
State:IL
ZIP:60515-1280
Country:US
Info Phone Num:800-621-2661
Emergency Phon
e Num: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-C444
CAGE:2R128

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

Ingred Name:NAPHTHALENESULFONIC ACID, DINONYL-, BARIUM SALT
CAS:25619-56-1
Minumum % Wt:1.
Maxumum % Wt:5.

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===== 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: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 SYMPTOM S OF NAUSEA, VOMITING,

DIARRHEA, AND ABDOMINAL PAIN. INHALATION: INHALATION OF HIGH

CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE

RESPIRATORY TRACT. CHRONIC: A REVIEW OF THE LITERAT URE DOES NOT

SHOW OBVIOUS LONG TERM HAZARD. EXPOSURE: SKIN CONTACT, EYE CONTACT,

INHALATION.

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:EYE: MAY CAUSE EYE IRRITATION. SKIN CONTACT:

CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN A

BSORPTION: NO ACUTE

EFFECTS EXPECTED. INGESTION: THIS PRODUCT MAY CAUSE

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INHALATION.

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

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First Aid:EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST

15 MINUTES. GET MEDICAL ATT'N IMMEDIATELY. SKIN: IN CASE OF

CONTACT, WASH SKIN WITH PLENTY OF SOAP AND WATER. REMOVE

CONTAMINATED CLOTHIN G. GET MEDICAL ATT'N IF IRRITATION PERSISTS.

USE SKIN CREAM FOR DEFATTED AREAS. INGESTION: ASPIRATION HAZARD: DO

NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH. DO NOT LEAVE VICTIM

UNATTENDED. IF VOMI TING OCCURS, OR IF COMATOSA OR LETHARGIC, PLACE

ON THE LE

FT SIDE WITH THE HEAD DOWN. SEEK IMMEDIATE MEDICAL ATT'N.

INHALATION: REMOVE TO FRESH AIR. ASSIST WITH BREATHING SUPPORT IF

NEEDED. GET MEDICAL ATT'N.

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

Flash Point Method:COC

Flash Point:>260.C, 500.F

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS WITH

FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusu

al Fire/Explosion Hazard:HAZARDOUS PRODUCTS OF COMBUSTION:
POTENTIAL COMBUSTION PRODUCTS ARE OXIDES OF CARBON.

===== 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
CONTAINERS UNTIL DI SPOSAL.

===== 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 VENTILATIO N.

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

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

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

Protective Gloves:PVC OR 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.

Supplemental Safety and Health

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

HCC:V6

Bo

iling Pt:>315.6C, 600.F

Melt/Freeze Pt:M.P/F.P Text:N/D

Spec Gravity:.9300

Evaporation Rate & Reference:N/D

Solubility in Water:INSOLUBLE

Appearance and Odor:TAN SEMI-FLUID COMPOUND, MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:POTENTIAL COMBUSTION PRODUCTS ARE
OXIDES OF CARBON.

===== Ecological I

nformation =====

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

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. DISPOSAL OF THIS MATERIAL TO THE LAND MAY BE
BANNED BY FEDERAL LAW (40CFR 268). THIS PRODUCT AS PURCHASED DOES
NOT FALL UNDER CURREN T U.S. EPA RCRA DEFINITIONS OF HAZARDOUS
WASTE. UNDER RCRA IT IS THE GENERATOR'S RES
PONSIBILITY TO D
ETERMINE THE STATUS OF THE WASTE AT DISPOSAL.

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

Transport Information:NOT REGULATED.

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

SARA Title III Information:NO LISTED INGREDIENTS ARE PRESENT ON THE 302
LIST. IMMEDIATE AND DELAYED SECTION 311/312 HAZARD CLASSES. SECTION
313 TOXIC CHEMICAL- BARIUM COMPOUND 25619-56-1.
Federal Regulatory Information:THIS PRODUCT IS A MIXTURE A
ND IS NOT
LISTED IN THE TSCA INVENTORY. THE INDIVIDUAL INGREDIENTS IN THE
PRODUCT ARE LISTED IN THE TSCA INVENTORY.

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