

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCO MICRONIC 883 -- 9150-01-332-7819  
===== Product Identification =====

Product ID:BRAYCO MICRONIC 883

MSDS Date:04/16/1999

FSC:9150

NIIN:01-332-7819

MSDS Number: CJVNH

=== 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 Phone Num:800-621-2661/800-424-9300

Resp. Party Other MSDS Num.:MSDS CODE: 27010A

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:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-

4542  
Contract Num:SP0450-00-M-C026  
CAGE:0T5C6  
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:SP0450-00-M-C100  
CAGE:0PGK2

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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.  
Other REC Limits:MFR: 0.5 MG/M3;TWA

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Hazards Identification  
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LD50 LC50 Mixture:NOT STATED BY MANUFACTURER  
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:  
CONCENTRATE MAY CAUSE SKIN IRRITATION. ABSORPTION: NO ACUTE EFFECTS  
EXPECTED. INGESTION: MAY CAUSE GASTROINTESTIONAL DISTRESS.  
INHALATION: HIGH CONCENTRATIONS OF M ISTS MAY PRODUCE IRRITATION  
AND DAMAGE TO RESPIRATORY TRACT. CHRONIC EFFECTS: A REVIEW OF T  
HE  
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:EYE AND SKIN: IRRITATION. INGESTION: NAUSEA,  
VOMITING, DIARRHEA, AND ABDOMINAL PAIN. INHALATION: IRRITATION AND  
RESPIRATORY TRACT DAMAGE.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER

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First Aid Measures  
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First Aid: EYES: FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION.  
SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE SKIN CREAM FOR DEFATTED AREAS. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: ASPIRATION HAZARD: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH ; MATERIAL CAN ENTER LUNGS AND CAUSE SEVERE DAMAGE. DO NOT LEAVE VICTIM UNATTENDED. IF VOMITING OCCURS, OR IF COMATOSE, OR LETHARGIC, PLACE ON LEFT SIDE WITH HEAD DOWN. SEEK MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. PERFORM CPR; KEEP PERSON WARM AND AT REST. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION.

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

Flash Point Method: COC  
Flash Point: =221.C, 429.8F  
Autoignition Temp: Autoignition Temp Text: N/D  
Lower Limits: N/D  
Upper Limits: N/D  
Extinguishing Media: WATER, DRY CHEMICAL, CO2, OR ALCOHOL FOAM.  
Fire Fighting Procedures: CONTACT WITH WATER WILL CAUSE SPLATTERING AND MAY GENERATE ENOUGH HEAT TO IGNITE COMBUSTIBLE MATERIALS.  
Unusual Fire/Explosion Hazard: NONE KNOWN.

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

Spill Release Procedures: LARGE SPILLS: WEAR PROTECTIVE CLOTHING. STOP SOURCE OF LEAK. DIKE, CONTAIN SPILL, RECOVER FREE LIQUID. PREVENT ENTRY INTO WATERWAYS. SOAK UP RESIDUE WITH INERT ABSORBENT SUCH AS CLAY, SAND, OR OTHER SUITABLE MATERIAL. FLUSH AREA WITH WATER WHERE FEASIBLE, REMOVE CONTAMINATED SOIL. SMALL SPILLS: NEUTRALIZE AND/OR SOAK UP SPILL WITH INERT ABSORBENT. STORE IN CLOSED CONTAINER, DISPOSE OF PROPERLY.

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

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

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

Protection =====

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

Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL, OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV. GREATER THAN 60 CUBIC FEET PER MINUTE RECOMMENDED.

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

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

Other Protective E

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

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:>260.C, 500.F

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

Vapor Pres:N/D

Spe

c Gravity:0.8600+/-

Evaporation Rate & Reference:N/D (N-BU AC=1)

Solubility in Water:SLIGHT

Appearance and Odor:LIGHT AMBER FLUID; MILD PETROLEUM ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:EXCESSIVE HEAT AND SOURCES OF IGNITION.

STABLE UNDER NORMAL CONDITIONS.

Hazardous Decomposition Products:IRRITATING OR TOXIC FUMES; CO2 AND CO;  
OXIDES OF SULFUR.

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

Toxicological Information: THIS PRODUCT CONTAINS AN ALKANOLAMINE. IN ALL METALWORKING FLUIDS CONTAINING AMINES, THERE IS A PITENTIAL FOR FORMING NITROSAMINES WHICH ARE ANIMAL CARCINOGENS. THEREFORE, NO NITRITES OR RELATED NITRO SATING AGENTS SHOULD BE ADDED TO SUCH COMPOSITIONS. NO COMPONENT KNOWN TO BE PRESENT IN THIS PRODUCT AT >0.1% IS PRESENTLY LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.

===== 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 DEFINITION OF HAZARDOUS WASTE. UNDER RCRA IT IS THE GENERATOR'S RESPONSIB ILITY TO DETERMINE THE STATUS OF THE WASTE AT THE TIME OF ITS DISPOSAL.

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

Waste Disposal Methods: PRODUCT AS PURCHASED DOES NOT FALL UNDER CURRENT US EPA RCRA D EFINITIONS OF HAZARDOUS WASTE. IT IS GENERATOR'S RESPONSIBILITY TO DETERMINE STATUS OF WASTE AT TIME OF DISPOSAL. DISPOSE IN ACCORDANCE WI TH LOCAL, STATE, AND FEDERAL REGULATIONS. DISPOSAL TO LAND MAY BE BANNED BY FEDERAL LAW (40CFR268). MAY BE DISPOSED OF BY CONTROLLED INCINERATION.

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

Transport Information: NOT REGULATED. FREIGHT CLASS: TELEPHONE NUMBER FOR TRANSPORT INSTRUCTIONS: 1-800-621-2661, SHEA DEPA RTMENT.

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

Federal Regulatory Information: THIS PRODUCT IS A MIXTURE AND IS NOT LISTED IN THE TSCA. THE INDIVIDUAL INGREDIENTS IN THE PRODUCT ARE LISTED IN THE TSCA INVENTORY. PRODUCT IS CLASSED AS HAZARDOUS PER OSHA 29 1910.1200. NO LISTED IN GREDIENTS ARE PRESENT ON THE CERCLA/EPCRA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS) LIST. SECTION 311/312 HAZARD CLASS(ES): IMMEDIATE: YES; DELAYED: NO; FIRE:

NO; REACTIVITY: NO; SUDDEN RELEASE OF PRESSURE: NO. SECTION  
313 TOXIC CHEMICALS: BARIUM COMPOUND, CAS # 25619-56-1, 1% TO 5%.

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