

CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS DIV -- BRAYCO 483 --  
6850-00-209-7230

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

Product ID:BRAYCO 483

MSDS Date:04/06/1998

FSC:6850

NIIN:00-209-7230

Status Code:A

MSDS Number: CJKSY

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS  
DIV

Address:1001 WEST 31ST STREET

City:DOWNERS GROVE

State:IL

ZIP:6051

5-1280

Country:US

Emergency Phone Num:714-660-9414(800-424-9300 CHEMTREC)

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:SPO-450-99-M-C733

CAGE:2R128

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

CAGE

:0PGK2

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Composition/Information on Ingredients  
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Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE  
CAS:64742-46-7  
RTECS #:JN9379645  
Minumum % Wt:70.  
Maxumum % Wt:75.  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES,HYDROTREATED  
(MILD),HEAVY PARAFFINIC  
CAS:64742-54-7  
RTECS #:PY8035500  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE IRRITATION. SKIN  
CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL  
DISTRESS. INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY PRODUCE  
IRRITATION AND DAMAGE TO RESP IRATORY TRACT. ASPIRATION HAZARD.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGRE  
DIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, GI TRACT  
IRRITATION, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL PAIN, RESPIRATORY  
TRACT IRRITATION, 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:INHALED: MOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. GIVE  
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TIFICAL RESPIRATION OF BREATHING STOPPED. SEE DOCTOR. EYES:  
FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE  
DOCTOR. SKIN: REMOVE CONTAMINATED COTHES. WASH WITH SOAP AND  
WATER. INGESTED: DO NOT INDUCE VOMITING; ASPIRATION HAZARD. GET  
MEDICAL ATTENTION.

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

Flash Point Method:COC

Flash Point:=257.2C, 495.F  
495F,257C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:DRY CHEMICAL, FOAM,  
CARBON DIOXIDE

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
BUNKER GEAR. USE WATER FOG OR SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.

Unusual Fire/Explosion Hazard:EMPTY CONTAINERS MAY CONTAIN RESIDUE OR  
VAPORS WHICH CAN IGNITE EXPLOSIVELY; DO NOT CUT, WELD, BRAZE ON OR  
NEAR FULL OR EMPTY CONTAINERS.

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

Spill Release Procedures:DO NOT ALLOW PRODUCT TO ENTER SEWERS OR  
WATERWAYS. CONTAIN SPILL

AND ABSORB WITH INERT MATERIAL AND PLACE  
IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED  
AREA AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLES.

Other Precautions:AVOID PROLONGED OR REPEATED INHALATION OF VAPORS,  
MISTS, AND FUMES. KEEP CONTAINERS CLOSED.

===== Exposure Controls/Personal Protection

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Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS  
FAIL OR A SPILL OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR WITH  
ORGANIC VAPOR CARTRIDGE, OR SUPPLIED AIR RESPIRATOR, OR SCBA, AS  
APPROPRIATE. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS AS NEEDED TO PREVENT PROLONGED OR  
REPEATED SKIN CONTACT. HMIS: EYE WASH NEARBY RECOMME

NDED.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:>500F,>260C

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

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:>1

Spec Gravity:0.8600

Evaporation Rate & Reference:< 1(N-BUTYL ACETATE=1)

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solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER FLUID, PETROLEUM HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:CONTACT WITH STRONG OXIDIZING AGENTS.

SOURCES OF IGNITION.

Hazardous Decomposition Products:SMOKE, FUMES, OXIDES OF CARBON, MINOR  
AMOUNTS OF VARIOUS HYDROCARBONS AND SULFUR OXIDES.

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

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS.

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

Transport Information:NOT REGULATED PER MSDS.

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

SARA Title III Information:THERE ARE NO 313 CHEMICALS PRESENT.

Federal Regulatory Information:INDIVIDUAL CHEMICALS ARE LISTED IN THE  
TSCA INVENTORY.

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e compiling agencies):

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