

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCO MICRONIC 756 -- 9150-00-223-4134
===== Product Identification =====

Product ID:BRAYCO MICRONIC 756

MSDS Date:04/16/1999

FSC:9150

NIIN:00-223-4134

Status Code:A

MSDS Number: CJRDR

=== 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 Nu

m:800-621-2661

Emergency Phone Num:714-660-9414

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:SP0450-99-M-B274

CAGE:2R128

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

Ingred Name:HYDROTREATED MIDDLE DISTILLATE (PETROLEUM)

CAS:64742-46-7

RTECS #:JN9379645

Minu

Minimum % Wt:80.
Maximum % Wt:85.
Other REC Limits:5 MG/M3 OIL MIST
OSHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

Ingr Name:DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC
CAS:64742-53-6
RTECS #:PY8036000
Minimum % Wt:1.
Maximum % Wt:5.
Other REC Limits:5 MG/M3 TWA

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
& GI TRACTS. ACUTE- EYES & SKIN: MAY CAUSE IRRITATION. INHALATION
OF VAPOR (GENERATED AT HIGH TEMPERATURES ONLY)/OIL MIST MAY CAUSE
IRRITATION AND DAMAGE TO RESPIRATORY TRACT. INGESTION: MAY CAUSE
GI DISTRESS. CHRONIC- REVIEW OF LITERATURE DOES NOT SHOW OBVIOUS
LONG TERM HAZARD.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects

of Overexposure:EYE:IRRITATION. SKIN:POSSIBLE IRRITATION,
DEFATTING. INHALED: COUGHING, IRRITATION. INGESTION: NAUSEA,
VOMITING, DIARRHEA AND ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE (HMIS).

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED

CLOTHING. WASH WITH SOAP & WATER. LAUNDRY CLOTHING BEFORE REUSE.
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL CARE.
INGESTION:ASPIRATION HAZARD. DO NOT INDUCE VOMITING OR GIVE
ANYTHING BY MOUTH. IF VOMITING OCCURS, OR IF COMATOSE OR LETHARGIC,
PLACE ON THE LEFT SIDE WITH HEAD DOWN. SEEK IMMEDIATE MEDICAL
ATTENTION. IF SYMPTOMS PERSIST, GET MEDICAL CARE.

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

Flash Point Method:COC
Fla

sh Point:=93.3C, 200.F

Autoignition Temp:Autoignition Temp Text:N/D

Extinguishing Media:DRY CHEMICAL, CO*2, FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USE TO FLUSH SPILLS AWAY FROM EXPOSURE. PREVENT R UNOFF FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

Unusual Fire/Explosion Hazard:NONE KNOWN.

===== Accidental Release Measures

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Spill Release Procedures:LARGE SPILL: WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DIKE AND CONTAIN SPILL. DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER FREE-LIQUID IF POSSIBLE. ABSORB SPILL WITH INERT MATERIAL A ND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL. SMALL SPILLS: SOAK UP WITH INERT ABSORBENT. STORE IN CLOSED CONTAINER FOR PROPER DISPOSAL.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION.

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

Respiratory Protection:NO

T EXPECTED TO BE NECESSARY. USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT.

Ventilation:MECHANICAL AND GENERAL AND OR LOCAL EXHAUST. GREATER THAN 60 CU FT/MIN RECOMMENDED.

Protective Gloves:NEOPRENE OR NITRILE.

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRA

CTICES AND

RECOMMENDED PROCEDURES. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES.

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

HCC:V6

Boiling Pt:>204.4C, 400.F

Spec Gravity:0.88

Solubility in Water:NILL

Appearance and Odor:CLEAR RED LIQUID, PETROLEUM ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stab

ility Condition to Avoid:HEAT, IGNITION SOURCES.

Hazardous Decomposition Products:SMOKE, FUMES, CARBON MONOXIDE, CARBON DIOXIDE, MINOR AMOUNTS OF VARIOUS HYDROCARBONS.

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

Ecological:NO DATA AVAILABLE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

===== MSD

S Transport Information =====

Transport Information:NOT REGULATED IN CONATAINERS LESS THAN 119 GALLONS.

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

Federal Regulatory Information:HAZARDOUS PER OSHA 29 CFR 1910.1200.

TSCA INVENTORY: NOT LISTED.

State Regulatory Information:ALL COMPONENTS LISTED ON CANADIAN DSL. NO INFO ON STATES LISTED IN MSDS,

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

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is information by the compiling agencies):

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