

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 Num:800-621-2661

Emergency Phone Num:714-660-9414

CAGE:2R128

=== Co

ntractor 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

Minumum % Wt:80.

Maxumum % Wt:85.

Other REC Limits:5 MG/M3 OIL MIST

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SHA PEL:5 MG/M3 OIL MIST
ACGIH TLV:5 MG/M3 OIL MIST

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

===== 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, RESPIRAT
ORY
& GI TRACTS. ACUTE- EYES & SKIN: MAY CAUSE IRRITATION. INHALATION
OF VAPOR (GENERATED AT HIGH TEMPERATURES ONLY)/OIL MIST MAY CAUSE
IRRITATION AND DAMAGE TO RESP IRATORY 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,
DE
FATTING. 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).

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING. WASH WITH SOAP & WATER. LAUNDER CLOTHING BEFO
RE REUSE.
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL CARE.
INGESTION:ASPIR ATION HAZAD. DO NOT INDUCE VOMITING OR GIVE
ANYTHING BY MOUTH. IF VOMITING OCCURS, OR IF COMATOSE OR LITHARGIC,
PLACE ON THE LEFT SIDE WITH HEAD DOWN. SEEK IMMEDIATE MEDICAL
ATTENTION. IF SYMPTOMS PE RSISTS, GET MEDICAL CARE.

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

Flash Point Method:COC
Flash Point:=93.3C, 200.F
Autoignition Temp:Autoignition Temp Text:N

/D

Extinguishing Media: DRY CHEMICAL, CO₂, 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 USED TO FLUSH SPILLS AWAY FROM EXPOSURE. PREVENT RUNOFF FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

Unusual Fire/Explosion Hazard: NONE KNOWN.

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

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 AND 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 =====

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: NOT EXPECTED TO BE NECESSARY. USE NIOSH/MSHA APPROVED ORGANIC V

APOR 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 PRACTICES 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.

Stability Condition to Avoid:HEAT, IGNITION SOURCES.

Hazardous Decomp

osition 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.

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

Transport Informati

on: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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ormulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.