

CASTROL INDUSTRIAL NORTH AMERICA INC. -- BRAYCO MICRONIC 756 -- 9150-00-082-7524
===== Product Identification =====

Product ID:BRAYCO MICRONIC 756
MSDS Date:04/15/1998
FSC:9150
NIIN:00-082-7524
Status Code:A
MSDS Number: CKMZH
=== 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:1-800-621-2661
Emergency Phone Num:1-800-621-2661
Chemtrec Ind/Phone:(800)424-9300
CAGE:98308
=== Contractor Identification ===
Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC.
Address:5511 DISTRICT BLVD
Box:City:LOS ANGELES
State:CA
ZIP:90040
Country:US
Phone:213-890-4420
CAGE:98308

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

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE
CAS:64742-46-7
RTECS #:JN9379645
Minimum % Wt:80.
Maximum % Wt:85.

Ingred Name:D

ISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:1.

Maxumum % Wt:5.

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:EYE-MAY CAUSE EYE IRRITATION. SKIN
CONTACT-CONCENTRATE MAY CAUSE SKIN IRRITATION. INGESTIONTHIS
PRODUCT MAY CAUSE GASTROINTESTINAL DISTRESS. INHALATION-INHALATION
OF HIGH CONCENTRATIONS OF MISTS MAY P

RODUCE IRRITATION AND DAMAGE

TO THE RESPIRATORY TRACT. CHRONIC EFFECTS: A REVIEW OF THE
LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARDS.

Explanation of Carcinogenicity:CONTAINS NO OTHER INGREDIENTS NOW KNOWN
TO BE HAZARDOUS AS DEFINED BY OSHA.

Effects of Overexposure:INGESTION-SYMPTOMS OF NAUSEA, VOMITING,
DIARRHEA AND ABDOMINAL PAIN.

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

First Aid:EYE-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MIN.

GET MEDICAL AID IMMEDIATELY. SKIN-WASH SKIN WITH PLENTY OF SOAP &
WATER. REMOVE CONTAMINATED CLOTHING, GET MEDICAL AID IF IRRITATION
PERSIST S. USE SKIN CREAM FOR DEFATTED AREAS. INGESTION-ASPIRATION
HAZARD: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH. DO NOT
LEAVE VICTIM UNATTENDED. IF VOMITING OCCURS, OR IF COMATOSE OR
LETHARGIC, P LACE ON THE LEFT SIDE WITH THE HEAD DOWN. SEEK
IMMEDIATE MEDICAL AID. INHALATION-REMOVE FROM EXPOSURE AREA TO
FRESH AIR IMMEDIATE

LY. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL
RESPIRATION. KEEP PERS ON WARM & AT REST. GET MEDICAL AID.

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

Flash Point Method:COC

Flash Point:=93.3C, 200.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO
KEEP FIRE EXPOSED CONTAINER COOL. WATER SPRAY MAY BE USED

TO FLUSH

SPILLS AWAY FROM EXPOSURE. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.

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

Spill Release Procedures: LARGE-WEAR APPROPRIATE PROTECTIVE CLOTHING. STOP SOURCE OF LEAK IF POSSIBLE. DIKE, CONTAIN SPILL AND RECOVER FREE LIQUID. PREVENT ENTRY INTO WATERWAYS. SOAK UP RESIDUE WITH AN INERT ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIALS; STORE AND DISPOSE OF PROPERLY. FLUSH AREA WITH WATER WHERE FEASIBLE AND APPROPRIATE, REMOVE CONTAMINATED SOIL.

===== 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.

Other Precautions: SMALL SPILL-NEUTRALIZE &/OR SOAK UP SPILL WITH INERT ABSORBENT. STORE IN A CLOSED CONTAINER & DISPOSE OF PROPERLY.

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

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

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

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

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

Other Protective Equipment: IMPERVIOUS PROTECTIVE CLOTHING & CHEMICAL RESISTANT SAFETY SHOES SHOULD BE WORN TO MINIMIZE CONTACT. EMERGENCY SHOWER & EYE WASH FACILITY SHOULD BE PROVIDED IN ALL AREAS WHERE PRODUCT IS HANDLED.

Work Hygienic Practices: WASH CONTAMINATED CLOTHING WITH SOAP AND WATER AND DRY BEFORE REUSE.

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

HCC:V6

Boiling Pt:=204.4C, 400.F

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

Vapor Pres:N/D

Vapor Density:N/D

Spec Gravity:60 DEGREES F (H20=1)

Evaporation Rate & Reference:N/D

Solubility in Water:NIL

Appearance and Odor:CLEAR RED LIQUID, PETROLEUM ODOR.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:STRONG OXIDI

ZERS, HEAT AND SOURCES OF
IGNITION.

Hazardous Decomposition Products:SMOKE, FUMES, CO, CO2; MINOR AMOUNTS
OF VARIOUS HYDROCARBONS.

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

Toxicological Information:EYE EFFECTS-MAY CAUSE EYE IRRITATION. SKIN
EFFECTS-CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN EFFECTS,
ABSORPTION-NO ACUTE EFFECTS EXPECTED. ACUTE ORAL EFFECTS
(INGESTION)-THIS PRODUCT MAY CAUSE GAS TROINTESTINAL DISTRESS WITH
SYMPTOMS OF NAUSEA, V
OMITING, DIARRHEA AND ABDOMINAL PAIN. ACUTE
INHALATION EFFECTS-INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY
PRODUCE IRRITATION AND DAMAGE TO THE R ESPIRATORY TRACT. CHRONIC
EFFECTS: A REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM
HAZARDS.

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

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

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

Waste Disposal M

ethods:THIS PRODUCT AS PURCHASED DOES NOT FALL UNDER
CURRENT U.S. EPA RCRA DEFINITIONS OF HAZARDOUS WASTE. UNDER RCRA IT
IS THE GENERATOR`S RESPONSIBILITY TO DETERMINE THE STATUS OF THE
WASTE AT THE TIME OF ITS DISPOSAL. DISPOSE OF IN ACCORDANCE WITH
LOCAL, STATE AND FEDERAL REGULATIONS. MAY BE DISPOSED OF BY
CONTROLLED INCINERATION.

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

Transport Information:PETROLEUM OIL, NOT REGULATED IN CONTAINERS LESS
THAN 3500 GALLON. TELEPHONE NUMBER FOR TRANSPORTATION
INSTRUCTIONS: 1-800-62-2661, SHEA DEPARTMENT.

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

SARA Title III Information:SECTION 311/312 HAZARD CLASS(ES): IMMEDIATE:
YES. THERE ARE NO 313 CHEMICALS PRESENT ABOVE THRESHOLD VALUES.
Federal Regulatory Information:HAZARDOUS PER OSHA 29 CFR 1910.1200:
YES. THIS PRODUCT IS A MIXTURE AND IS NOT LISTED IN THE TSCA
INVENTORY. THE INDIVIDUAL INGREDIENTS IN THE
PRODUCT ARE LISTED IN
THE TSCA INVENTORY.

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

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