

CASTROL INDUSTRIAL NORTH AMERICA INC. -- BRAYCO MICRONIC 762 -- 9150-00-577-4512  
===== Product Identification =====

Product ID:BRAYCO MICRONIC 762

MSDS Date:11/12/1997

FSC:9150

NIIN:00-577-4512

Status Code:A

MSDS Number: CHWYR

=== 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(CHEMTREC)

CAGE:CASTI

=== Contractor Identification ===

Company Name:CASTROL INDUSTRIAL INC

Address:1001 W 31ST

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Phone:708-241-4000

CAGE:CASTI

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

===== Composition/

Information on Ingredients =====

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Fraction by Wt: 90 - 95%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:PETROLEUM HYDROCARBON/SEVERELY HYDROTREATED LIGHT  
DISTILLATE

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:DISTILLATES,PET  
ROLEUM,HYDROTREATED LIGHT NAPHTHENIC/MINERAL  
OIL

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, RESPIRATORY

& GASTROINTESTINAL TRACTS. ACUTE- EYE: MAY CAUSE IRRITATION. SKIN:  
CONCENTRATE MAY CAUSE IRRITATION. INHALE: MISTS MAY CAUSE  
IRRITATION AND DAMAGE TO RESPIRATORY TRACT. ORAL: CAN CAUSE  
GASTROINTESTINALIRRITATION, VOMITING. CHRONIC- NONE .

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:IRRITATION, REDNESS, NAUSEA, VOMITING,  
DIARRHEA, BLURRED VISION, TEARING, DEFATTING OF SKIN, ABDOMINAL  
PAIN

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP AND WATER. ORAL: DO NOT INDUCE VOMITING. IF PERSON IS DROWSY/UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. GET MEDICAL ATTENTION. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

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

Flash Point Method:COC  
Flash Point:200F,93C MIN  
Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.  
Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. PROVIDE ADEQUATE VENTILATION. REMOVE SPILL WITH INERT ABSORBENT SUCH AS SAND, CLAY, EARTH. TRANSFER TO PROPER CONTAINERS FOR DISPOSAL. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. REPORT SPILLS AS REQUIRED TO AUTHORITIES.  
Neutralizing Agent:NOT RELEVANT

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===== Handling and Storage =====  
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Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES. KEEP AWAY FROM IGNITION SOURCES AND STRONG OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:DO NOT GET IN EYES. MINIMIZE SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED AREAS, IF EXCESSIVE

VE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, WEAR NIOSH-APPROVED ORGANIC VAPOR AND MI ST RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:ADEQUATE

Protective Gloves:RUBBERIS RECOMMENDED

Eye Protection:GOGGLES/SAFETY GLASSES IS RECOMMENDED

Other Protective Equipment:EYEBATH, WASHING FACILITY, UNIFORM

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplem

ental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B, SAME NSN.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:>400F,>204C

Spec Gravity:0.8700

Solubility in Water:NIL

Appearance and Odor:DARK AMBER FLUID - PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:

EXCESSIVE HEAT, IGNITION SOURCES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS HYDROCARBONS, SMOKE, FUMES, OXIDES OF SULFUR

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

Waste Disposal Methods:THIS PRODUCT, AS PURCHASED, DOES NOT MEET THE RCRA CRITERIA OF A HAZARDOUS WASTE. UNDER RCRA, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE WHETHER PRODUCT MEETS RCRA CRITERIA FOR HAZARDOUS WASTE. CONSULT LOCAL, STATE OR FEDERAL A UTHORITIES.

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