

CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS DIV -- BRAYCOTE 646 SPD --  
9150-00-753-4686

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

Product ID:BRAYCOTE 646 SPD

MSDS Date:12/30/1999

FSC:9150

NIIN:00-753-4686

Status Code:A

MSDS Number: CKSCS

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS  
DIV

Address:1001 WEST 31ST STREET

City:DOWNERS GROVE

Stat

e:IL

ZIP:60515-1280

Country:US

Info Phone Num:800-621-2661

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:27073AH

Chemtrec Ind/Phone:(800)424-9300

CAGE:2R128

=== Contractor Identification ===

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Phone:800-621-2661/ FAX: 630-241-4140

CAGE:2R128

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

Ingred N

ame:DISTILLATES, PETROLEUM, SOLVENT-REFINED LIGHT NAPHTHENIC

CAS:64741-97-5

RTECS #:PY8041000

Minumum % Wt:1.

Maxumum % Wt:5.

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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

Health Hazards Acute and Chronic:EYE: MAY CAUSE EYE IRRITATION. SKIN:

CONCENTRATE MAY CAUSE SKIN IRRITATION. INGESTION: THIS PRODUCT MAY

CAUSE GASTROINTESTINAL DISTRESS WITH SYMPTOMS OF NAUSEA, VOMITING, DIARRHEA, AND ABDOMINAL PAIN. INHALATION: INHALATION OF HIGH CONCENTRATIONS OF MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE RESPIRATORY TRACT. CHRONIC: A REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

Explanation of Carcinogenicity:NO COMPONENT KNOWN TO BE PRESENT IN THIS PRODUCT AT >0.1% IS PRESENTLY LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA UNLESS OTHERWISE NOTED IN SECTION

P- OTHER INFORMATION.

Effects of Overexposure:EYE: MAY CAUSE EYE IRRITATION. SKIN:

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Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== First Aid

Measures =====

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF I RRRITATION PERSISTS. USE SKIN CREAM FOR DEFATTED AREAS. INGESTION: ASPIRATION HAZARD: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN ENTER THE LINGS & CAUSE SEVERE DAMAGE. D O NOT LEAVE VICTIM UNATTENDED

. IF VOMITING OCCURS,  
OR IF COMATOS OR LETHARGIC, PLACE ON THE LEFT SIDE WITH THE HEAD  
DOWN. INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPPED, GIVE  
ARTIFICIAL RESPIRA TION. IF BREATHING DIFFICULY GIVE OXYGEN

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

Flash Point Method:COC  
Flash Point:>260.C, 500.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 Proced  
ures:WEAR SELF CONTAINED BREATHING APPARATUS WITH  
FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:DO NOT PERMIT PRODUCT TO ENTER SEWERS, STREAMS  
OR OTHER WATERWAYS. REMOVE ALL SOURCES OF IGNITION. DIKE SPILL AND  
ELIMINATE LEAK, ABSORB EITH DRY INERT MATERIAL AND STORE IN CLOSED  
CONTAINERS UNTIL DI SPOSAL.  
Neutralizing Agent:NO DATA PROVIDED BY  
RESPONSIBLE PARTY.

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

Handling and Storage Precautions:MAINTAIN AMBIENT TEMPERATURES. 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:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Respiratory Protection:USE NIOSH/MSHA  
APPROVED RESPIRATOR WITH ORGANIC  
VAPOR CARTRIDGE IF VAPOR CONCENTARATIONS EXCEED PERMISSIBLE  
EXPOSURE LIMIT.  
Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL, AND/OR LOCAL  
EXHAUST TO MAINTAIN EXPOSURE BELOW TLV. GREATER THAN 60F3/MIN  
RECOMMENDED.  
Protective Gloves:PVC OR NITRILE GLOVES SHOULD BE USED WHEN HANDLING  
THIS PRODUCT.  
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD OR CHEMICAL GOGGLES.  
Other Protective Equipment:SAFETY SHOWER AND EYEWASH FACILITY.  
APPROPRIATE

CLOTHING TO AVOID SKIN CONTACT.

Work Hygienic Practices:WASH CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:V6

Boiling Pt:>315.6C, 600.F

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

Vapor Pres:N/D

Vapor Density:N/D

Spec Gravity:0.9300 +/- 0.1

pH:NA

Evaporation Rate & Reference:NOT DETERMINED

Solubility in Water:INSOLUBLE

Appearance and Odor:TAN SEMI-FLUID; MILD

ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:POTENTIAL COMBUSTION PRODUCTS ARE  
OXIDES OF CARBON.

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

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P- OTHER INFORMATION.

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Ecological Information  
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Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT.

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSAL OF THIS MATERIAL TO THE LAND MAY BE BANNED BY FEDERAL LAW (40 CFR 268). CERCLA REPORTABLE QUANTITY: THIS PRODUCT DOES NOT C ONTAIN ANY CERCLA REGULATED MATERIALS.

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MSDS  
Transport Information  
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Transport Information:NOT REGULATED.

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Regulatory Information  
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SARA Title III Information:CERCLA/EPCRA: NO LISTED INGREDIENTS ARE PRESENT ON THE 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS) LIST. SECTION 311/312 HAZARD CLASSES: IMMEDIATE: YES; DELAYED: YES; FIRE: NO; REACTIVITY: NO; SUDDEN REL EASE OF PRESSURE: NO. SECTION 313 TOXIC CHEMICALS: IF NONE LISTED HERE, THERE ARE NO 313 CHEMICALS  
P

RESENT ABOVE THRESHOLD VALUE.

Federal Regulatory Information: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. HAZARDOUS PER OSHA 29 CFR 11910.1200: YES.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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Other Information  
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