

CASTROL INDUSTRIAL NORTH AMERICA INC -- BRAYCOTE 194, SPD -- 8030-01-340-4866  
===== Product Identification =====

Product ID:BRAYCOTE 194, SPD

MSDS Date:04/14/1998

FSC:8030

NIIN:01-340-4866

Status Code:A

MSDS Number: CHXQV

=== Responsible Party ===

Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC

Address:1001 WEST 31ST ST

City:DOWNERS GROVE

State:IL

ZIP:60515-1280

Country:US

Info Phone Num:800-621

-2661

Emergency Phone Num: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 Ingredient

ts =====

Ingred Name:STODDARD SOLVENT  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 40-45%  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM

Ingred Name:SUPDAT: THE HEAD DOWN. SEEK IMMED MED ATTN. INHAL: REMOVE  
FROM EXPOSURE AREA TO FRESH AIR IMMED. IF BRTHG HAS (ING 3)  
RTECS #:9999999ZZ

Ingred Name:ING 2: STOPPED, PERFORM ARTF RESP. KEEP PERSON WARM & AT  
REST. TREAT SYMPTOMATICALLY & SUPPORTIVELY. GET MED (ING 4)  
RTECS #:9999999ZZ

Ingred Name:ING 3: ATTENTION IMMEDIATELY.  
RTECS #:999999  
9ZZ

Ingred Name:SPILL PROC: FLUSH AREA W/WATER. WHERE FEASIBLE & APPROP,  
REMOVE CONTAM SOIL. SMALL SPILLS: NEUTRALIZE &/OR SOAK (ING 6)  
RTECS #:9999999ZZ

Ingred Name:ING 5: UP SPILL W/INERT ABSORBENT. STORE IN CLOSED CNTNR &  
DISPOSE OF PROPERLY.  
RTECS #:9999999ZZ

Ingred Name:OTHER PROT EQUIP: ALCOHOL RESISTANT BARRIER HAND CREAM.  
IMPERVIOUS PROT CLTHG & CHEMICAL RESISTANT SAFETY SHOES (ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: SHOULD BE WORN TO MINIMIZE CONTACT.  
RTECS #:9999999  
ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
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  
CONTACT: CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN ABSORPTION: NO  
ACUTE EFFECTS EXPECTED. INGESTION: THIS PRODUCT MAY CAUSE  
GASTROINTESTINAL DISTRESS WITH SYMPTOM S OF NAUSEA, VOMITING

DIARRHEA AND ABDOMINAL PAIN. INHALATION: INHALATION OF HIGH CONCENTRATIONS OF (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: MISTS MAY PRODUCE IRRITATION AND DAMAGE TO THE RESPIRATORY TRACT. CHRONIC: A REVIEW OF THE LITERATURE DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYES: IMMED FLUSH

EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN.

GET MED ATTN IMMED. SKIN: IN CASE OF CONTACT, WASH SKIN W/PLENTY OF SOAP & WATER. REMOVE CONTAM CLTHG. GET MED ATTN IF IRRIT PERSISTS.

WAS H CLTHG BEFORE REUSE. USE SKIN CREAM FORDEFATTED AREAS. INGEST:

ASPIR HAZ:DO NOT INDUCE VOMIT OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATL CAN ENTER LUNGS & CAUSE SEV DMG. DO NOT LEAVE (SUPDAT)

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Fire Fighting Measures  
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Flash Point Method:COC

Flash Poi

nt:>100F,>38C

Extinguishing Media:DRY CHEMICAL, WATER FOG, CHEMICAL FOAM OR CARBON DIOXIDE. DIRECT WATER-STREAM MAY CAUSE FROTHING.

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .

WATER/FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CNTNRS COOL. WATER SPRAY MAY BE USED TO (SUPDAT)

Unusual Fire/Explosion Hazard:HAZ PRODS OF COMBUST: IRRITATING OR TOX FUMES; CARBON MONOXIDE & CARBON DIOXIDE; OXIDES OF SULFUR.

PROPERTIES THAT COULD INCR FIRE/EXPLO HAZ

: NONE KNOWN.

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Accidental Release Measures  
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Spill Release Procedures:LARGE SPILLS: WEAR APPROP PROT CLTHG. STOP SOURCE OF LEAK IF POSS. DIKE, CONTAIN SPILL & RECOVER FREE LIQ.

PVNT ENTRY INTO WATERWAYS. SOAK UP RESIDUE W/INERT ABSORB SUCH AS CLAY, SAND OR OTHER SUITABLE MATLS; STORE & DISPOSE OF PROPERLY.

(ING 5)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handlin

g and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE NEAR HEAT, FLAME, STRONG OXIDANTS. MAINTAIN ADEQUATE VENTILATION.

Other Precautions:MAINTAIN AMBIENT TEMPERATURES. AVOID PROLONGED/REPEATED BREATHING OF VAPORS, MISTS, FUMES.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATIONS EXCEED PERMISSIBLE EXPOSURE LIMIT.

Ventilation:PROVIDE SUFFICIENT MECH, GENERAL &/OR LOCAL EXHAUST TO MAINTAIN EXPOS BELOW TLV. GREATER THAN 60F3/MIN RECOMMENDED.

Protective Gloves:SOLVENT RESISTANT GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER IN ALL AREAS IN WHICH THIS PROD IS HANDLED. PETROLEUM SOLVENT & (ING 7)

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

Supplemental Safety and Health

FIRE FIGHT PROC: FLUSH SPILLS

AWAY FROM EXPOS. FOR FIRES IN ENCLSD

AREAS, FIREFIGHTERS MUST USE NIOSH APPRVD SCBA. PVNT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OF DRINKING WATER SUP PLY. FIRST AID PROC: VICTIM UNATTENDED.IF VOMIT OCCURS, OR IF COMATOSE OR LETHARGIC, PLACE ON LEFT SIDE WITH (ING 2)

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

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:2

Vapor Density:>1

Spec Gravity:0.8700 (H\*2O=1)

Evaporation Rate & Reference: