

CASTROL INC.,BRAY PRODUCTS DIV. -- ICEMATIC SW-68,21055 -- 9150-01-410-8972
===== Product Identification =====

Product ID:ICEMATIC SW-68,21055
MSDS Date:05/01/1994
FSC:9150
NIIN:01-410-8972
MSDS Number: BXVTN
=== Responsible Party ===
Company Name:CASTROL INC.,BRAY PRODUCTS DIV.
Address:16715 VON KARMAN AVE.,SUITE 230
City:IRVINE
State:CA
ZIP:92714
Country:US
Info Phone Num:714-660-9414/ABROAD 20
2-4837616COLL
Emergency Phone Num:714-660-9414/800-424-9300(CHEMTREC)
CAGE:EO288

=== Contractor Identification ===
Company Name:CASTROL INC.,BRAY PRODUCTS DIV.
Address:16715 VON KARMAN AVE.,SUITE 230
City:IRVINE
State:CA
ZIP:92714
Country:US
Phone:714-660-9414/ABROAD 202-4837616COLL
CAGE:EO288
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
CA
GE:2R128

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

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

===== 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 &
GI TRACTS. ACUTE & CHRONI

C- MAY CAUSE MILD EYE IRRITATION.

PROLONGED/REPEATED SKIN CONTACT CAUSES IRRITATION, DEFATTING, DERMATITIS. EXCESSIVE INHALATION OF VAPO RS/OIL MIST MAY CAUSE IRRITATION, DIZZINESS. INGESTION MAY CAUSE NAUSEA, GI IRRITATION. ASPIRATION HAZARD.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, REDNESS, TEARING, BLURRED VISION, DERMATITIS, DEFATTING, HEADACHE POSSIBLY UNCONSCIOUSNESS, ASPHYXIATION

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===== First Aid Measures =
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS. WASH SKIN WITH SOAP & WA TER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH. SEEK MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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

Flash Point Method:COC

Flash Point:400F,204C

Extinguishing Media:USE CARBON DIOXIDE, FOAM/DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINER MAY BURST.

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

Spill Release Procedures:VENTILATE AREA. RECOVER FREE OIL IF POSSIBLE.

ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND, C LAY, EARTH &

SHOVELD INTO CONTAINERS FOR LATER DISPOSAL. PREVENT RUN-OFF TO ENTER WATERWAYS, SEWERS. ALL R ESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM HEAT, FLAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THO

ROUGHLY AFTER HANDLING. AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE LUBRICANT-SOAKED CLOTHING AND LAUNDRER BEFORE RE-USE.

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

Respiratory Protection:IF EXCESSIVE MISTING IS EXPECTED, WEAR NIOSH-APPROVED RESPIRATORY PROTECTION (REFER TO 29 CFR 1910.134).
Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL BELOW APPLICABLE STANDARD(S).
Protective Gloves:NITRILE OR NEOPRENE RECOMMENDED
Eye Protection:SAFETY GLASSES, FACE SHIELD RECOMMENDED
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.
Supplemental Safety and Health

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

HCC:V6
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:>500F,>260C
Vapor Pres:NEGLIGIBLE
Vapor Density:>5
Spec Gravity:0.98
Solubility in Water:INSOLUBLE
Appearance and Odor:CLEAR, COLORLESS LIQUID - SLIGHT PETROLEUM ODOR
Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAME
Hazardous Decomposition Products:MAY PRODUCE FUMES, SMOKE, CARBON MONOXIDE, CARBON DIOXIDE AND OTHER DECOMPOSITION PRODUCTS.

===== Disposal Cons

iderations =====

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY. INCINERATION IS RECOMMENDED.

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