

CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS DIV -- ICEMATIC SW-68 --
9150-01-410-8972

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

Product ID:ICEMATIC SW-68
MSDS Date:07/13/2000
FSC:9150
NIIN:01-410-8972
Status Code:A
MSDS Number: CKWBG
=== Responsible Party ===
Company Name:CASTROL INDUSTRIAL NORTH AMERICA INC SPECIALTY PRODUCTS
DIV
Address:1001 WEST 31ST STREET
City:DOWNERS GROVE
State:IL
ZIP:60515-1280
Country:US
Info Phone Num:800-621-2661
Emergency Phone Num:714-660-9414/800-424-9300(CHEMTREC)
Resp. Party Other MSDS Num.:26010A
Chemtrec Ind/Phone:(800)424-9300
CAGE:2R128

=== Contractor Identification ===

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
Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC
Address:2
210 HACKBERRY LN
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:409-756-1065
Contract Num:SP0-450-01-M-C433
CAGE:4N760

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

Ingred Name:CONTAINS NO INGREDIENTS NOW KNOWN TO BE HAZRDOUS BY OSHA
= Wt:100.
Code:F
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE-MAY CAUSE MILD EYE IRRITATION.
SKIN CONTACT-CONCENTRATE MAY CAUSE SKIN IRRITATION. SKIN
ABSORPTION-NO ACUTE EFFECTS EXPECTED. INGESTION-THIS PRODUCT MAY
CAUSE GASTROINTESTINAL DISTRESS WITH SYMPTOMS OF NAUSEA, VOMITING,
DIARRHEA, & ABDOMINAL PAIN. INHALATION-VAPOR MAY BE IRRITATING TO
THE RESPIRATORY TRACT. CHRONIC EFFECTS: A REVIEW OF THE LITERATURE
DOES NOT SHOW OBVIOUS LONG TERM HAZARD.

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

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

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

First Aid:EYES-FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL AID IF
IRRITATION OCCURS. SKIN-WASH WITH PLENTY OF SOAP & WATER. REMOVE
CONTAMINATED CLOTHING. GET MEDICAL AID IF IRRITATION PERSISTS. 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, PLACE
ON THE LEFT SIDE WITH THE HEAD DOWN. SEEK IMMEDIATE MEDICAL AID.
INHALATION-REMOVE FROM EXPOSURE. IF BREATHING HAS STOPPED, PERFORM
CPR. KEEP PERSON WARM & AT REST. TREAT SYMPTOMATICALLY &
SUPPORTIVELY. GET MEDICAL AID IMMEDIATELY.

===== Fire Fighting Measures =====
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Flash Point Method:COC

Flash Point:>240.C, 464.F

Lower Limits:ND

Upper Limits:ND

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 STREAM OR DRINKING

WATER
SUPPLY.

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

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

===== 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:SMALL SPILLS: STORE IN A CLOSED CONTAINER & DISPOSE
OF PROPERLY.

===== Exposure Controls/Personal Protection ==
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Respiratory Protection:GOOD INDUSTRIAL HYGIENE PRACTICES RECOMMEND THAT
ENGINEERING CONTROLS BE USED TO REDUCE ENVIRONMENTAL CONCENTRATIONS
TO THE THRESHOLD LIMIT VALUE (TLV), IF APPLICABLE. IF AN
APPLICABLE TLV IS EXCEEDE D PROVIDE NIOSH APPROVED RESPIRATORY
PROTECTION.
Ventilation:PROVIDE SUFFICIENT MECHANICAL, GENERAL, AND/OR LOCAL
EXHAUST TO MAINTAIN EXPOSURE BELOW TLV. >60 F3/MIN RECOMMENDED
Protective Gloves:USE NIOPRENE TYPE GLOVES WHEN HANDLING THIS PRO
DUCT.
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD OR CHEMICAL GOGGLES.
Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING AND CHEMICAL
RESISTANT SAFETY SHOES SHOULD BE WORN TO MINIMIZE CONTACT.
EMERGENCY SHOWER AND EYEWASH FACILITY SHOULD BE PROVIDED IN WHICH
THIS PRODUCT IS HANDLED.
Work Hygienic Practices:WASH CLOTHING BEFORE RESUE. WASH CONTAMINATED
CLOTHING WITH SOAP AND WATER AND DRY BEFORE REUSE.
Supplemental Safety and Health

===== Physical/Chemic

al Properties =====

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Vapor Pres:NEGLIGIBLE
Vapor Density:>5
Spec Gravity:0.9700 +/-
Solubility in Water:0.1% IS PRESENTLY LISTED AS A
CARCINOGEN BY IARC, NTP OR OSHA .

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

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

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

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).

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

Transport Information:HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING
NAME: NOT REGULATED. HAZARD CLASS: SAME AS ABOVE. IDENTIFICATION
NUMBER (UN OR NA NUMBER): SAME AS ABOVE. PACKING GROUP: SAME AS
ABOVE. FREIGHT CLASS: T ELEPHONE NUMBER FOR TRANSPORT INSTRUCTIONS:

1-800-621-2661, SHEA DEPARTMRNT.

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

SARA Title III Information:U.S. FEDERAL REGULATIONS: HAZARDOUS PER OSHA
29 CFR 1910.1200: YES. CERCLA/EPCRA: SECTION 302 EXTREMELY
HAZARDOUS SUBSTANCE (EHS): NO LISTED INGREDIENTS ARE PRESENT ON THE
302 LIST. SECTION 311/312 HA ZARD CLASS(ES): IMMEDIATE: YES,
DELAYED: NO, FIRE: NO, REACTIVITY: NO, SUDDEN RELEASE OF RESSURE:
NO. SECTION 313 TOXIC CHEMICALS: THERE ARE NO
313 CHEMICALS PRESENT
ABOVE THE THRESHOLD VALUES.

Federal Regulatory Information:OTHER U.S. FEDERAL REGULATIONS: THIS
PRODUCT IS A MIXTURE & IS NOT LISTED IN THE TSCA INVENTORY. THE
INDIVIDUAL INGREDIENTS IN THE PRODUCT ARE LISTED IN THE TSCA
INVENTORY. CERCLA REPORTABLE QUANTITY: THIS PRODUCT DOES NOT
CONTAIN ANY CERCLA REGULATED MATERIALS. US EPA HAZARDOUS WASTE
NUMBERS: THIS PRODUCT AS PURCHASED DOES NOT FALL UNDER CURRENT US
EPA RCRA DEFINITIONS OF HAZARDOUS WAS

TE. UNDER R CRA IT IS THE
GENERATOR'S RESPONSIBILITY TO DETERMINE THE STATE OF THE WASTE AT
THE TIME OF ITS DISP OSAL.

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

Disclaimer (provided with this information by the compiling agencies):

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