

ICE-PAK LIMITED -- REGULAR FREEZE GEL -- 6850-01-215-7542

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

Product ID:REGULAR FREEZE GEL

MSDS Date:04/20/2000

FSC:6850

NIIN:01-215-7542

Status Code:A

MSDS Number: CLQHZ

=== Responsible Party ===

Company Name:ICE-PAK LIMITED

Address:6818 JARRY ST. EAST

City:MONTREAL

State:QC

Country:CA

Info Phone Num:514-324-4720

Emergency Phone Num:613-996-6666 (CANUTEC)

Preparer

's Name:PRODUCT SAFETY DEPT

CAGE:UO562

=== Contractor Identification ===

Company Name:ICE-PAK LIMITED

Address:6818 JARRY ST. EAST

Box:City:MONTREAL

State:QC

Country:CA

Phone:514-324-4720

CAGE:UO562

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

Ingred Name:SODIUM CARBOXY METHYL CELLULOSE

CAS:9004-32-4

RTECS #:FJ5950000

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:ALUMINUM SULFATE , 18 HYDRATE

CAS:7784-31-8

RTECS #:WS5697000

Minumum % Wt:1

Maxumum % Wt:1.

ACGIH TLV:2 MG/M

Ingred Name:1-93-CHLOROALLYL)-3,5,7 TRIAZA-1-AZONISADAMANTANE

CAS:4080-31-3

RTECS #:XX8450000

< Wt.:1

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

Health Hazards Acute and Chronic:EFFETS OF A SINGLE EXPOSURE:

SWALLOWING: NO HAZARDS ANTICIPATED FROM SWALLOWING SMALL AMOUNTS
INCIDENTAL TO NORMAL HANDLING OPERATIONS. SKIN ABSORPTION: NO
HAZARDS ANTICIPATED FROM THIS ROUTE OF EXPOSURE. SKIN CONTACT:
ESSENTIALLY NON-IRRITATING TO THE SKIN. INHALATION:

MISTS MAY CAUSE

IRRITATION OF UPPER RESPIRATORY TRACT. EYE: MAY CAUSE MILD EYE
IRRITATION. EFFECTS OF REPEATED EXPOSURE: REPEATED EXCESSIVE
INGESTION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS

Medical Cond Aggravated by Exposure:NONE CURRENTLY KNOWN.

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

First Aid:SWALLOWING: UNLIKELY ROUTE OF EXPOSURE. IF PATIENT IS FULLY
CONSCIOUS, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. SKIN:
WASH SKIN WITH SOAP AND WA

TER. INHALATION: UNLIKELY ROUTE OF

EXPOSURE. NO EMERGENCY CARE ANTICIPATED. EYE: FLUSH EYES WITH
WATER AND CONTINUE WASHING FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL
ATTENTION IF IRRITATION OCCURS. NOTE TO PHYSICIAN: TREATMENT SHOULD
BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION
OF THE PATIENT.

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

Flash Point:NOT AVAILABLE

Autoignition Temp:Autoignition Temp Text:NOT AV

Lower Limits:NOT DET

ERMIN

Upper Limits:NOT DETERMIN

Extinguishing Media:APPLY ALCOHOL-TYPE OR ALL PURPOSE-TYPE FOAM BY
MANUFACTURER'S RECOMMENDED TECHNIQUES FOR LARGE FIRES. USE CARBON
DIOXIDE OR DRY CHEMICAL MEDIA FOR SMALL FIRES.

Fire Fighting Procedures:DO NOT USE WATER STREAM, MAY SPREAD FIRE. USE
SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONTAIN SPILL.

STOP LEAK IF POSSIBLE WITHOUT RISK. SMALL SPILLS MAY BE CLEANED UP WITH ABSORBENT MATERIAL. COLLECT IN SUITABLE AND PROPERLY LABELLED CONTAINERS. LARGE SPILLS SHOULD BY DYKED (IF NECESS ARY) AND SHOVELLED OR PUMPED TO SUITABLE AND PROPERLY LABELLED CONTAINERS. DO NOT FLUSH TO SEWER.

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

Handling and Storage Precautions:HANDLING: GENERAL HANDLING PRECAUTIONS. NONE CURRENTLY KNOWN. STORAGE: KEEP CONTAINER CLOSED.

STORE IN A COOL, DRY, VENTILATED AREA.
Other Precautions:NONE CURRENTLY KNOWN.

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

Respiratory Protection:NONE REQUIRED IN NORMAL USE.
Ventilation:GENERAL (MECHANICAL) ROOM VENTILATION IS EXPECTED TO BE SATISFACTORY.
Protective Gloves:WORK GLOVES.
Eye Protection:SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:EYE BATH, SAFETY SHOWER.
Supplemental Safety and Health

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===== Physical/Chemical Properties =
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HCC:T6
Boiling Pt:B.P. Text:NOT AVAILABLE
Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE
Vapor Pres:NOT AVAILABLE
Vapor Density:NOT AVAILA
Spec Gravity:1 (H20=1)
pH:NOT AVAILABLE
Evaporation Rate & Reference:NOT AVAILABLE
Solubility in Water:NOT AVAILABLE
Appearance and Odor:BLUE GEL, NO ODOR
Percent Volatiles by Volume:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS.
Stability Condition to

Avoid:NONE CURRENTLY KNOWN.

Hazardous Decomposition Products:CARBON MONOXIDE &/OR CARBON DIOXIDE;
CARBON MONOXIDE IS HIGHLY TOXIC IF INHALED; CARBON DIOXIDE IS
INSUFFICIENT CONCENTRATIONS CAN CAT AS AN ASPHYXIANT. SULPHURE
DIOXIDE, SODIUM OXIDE & DENSE SMOKE.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological

Information:1-3(3-CHLOROALLY)-3,5,7-TRIAZA-1-AZONISADAMANTANE HAS
BEEN SHOWN TO CAUSE
LIVER EFFECTS IN LABORATORY ANIMALS BUT ONLY
AFTER HIGH DOSES, BIRTH DEFECTS IN LABORATORY ANIMALS AFTER
RELATIVELY HIGH ORAL DOSES AND GAVE A POSITIVE MUTAGENIC RESPONSE
TO IN-VITRO TESTING WHEN TESTED WITH A METABOLIC RESPONSE SYSTEM;
ALL OTHER IN-VITRO TESTING WAS NEGATIVE. THIS INGREDIENT REPRESENTS
LESS THAN 1% OF THE P RODUCT.

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

Ecological:PERSISTENCE AND BIODEGRADABILITY: PERSISTENCE AND
BIODEGRA
DABILITY HAVE NOT BEEN DETERMINED.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH LOCAL, PROVINCIAL,
STATE AND FEDERAL REGULATIONS.

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

Transport Information:PRIMARY CLASSNONE. SUBSIDIARY
CLASSNONE. SHIPPING NAMENONE.
PACKING GROUPNONE. UNNONE.

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

SARA Title III Information:THIS PRODUCT IS NOT CONSIDERED HAZARDOUS
UNDER OSHA "RIGHT-TO-KNOW" OR CONTROLLED UNDER WHMIS.
Federal Regulatory Information:TSCA: THE INGREDIENTS OF THIS PRODUCT
ARE ON THE TSCA INVENTORY. DSL: THE INGREDIENTS OF THIS PRODUCT ARE
ON THE DSL.

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