

BADGER FIRE PROTECTION INC -- RANGE GUARD KARBOLOY FIRE EXTINGUISHER SUPPRESSION
AGENT -- 6810-00-499-5825

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

Product ID:RANGE GUARD KARBOLOY FIRE EXTINGUISHER SUPPRESSION AGENT

MSDS Date:04/01/1999

FSC:6810

NIIN:00-499-5825

Status Code:A

MSDS Number: CKXDF

=== Responsible Party ===

Company Name:BADGER FIRE PROTECTION INC

Address:4251 SEMINOLE TRAIL

City:CHARLOTTESVILLE

State:VA

ZIP:22911

Country:US

Info Phone Num:804-973-4361

E

mergency Phone Num:804-973-4361

CAGE:6L214

=== Contractor Identification ===

Company Name:BADGER FIRE PROTECTION INC

Address:4261 SEMINOLE TRAIL

Box:City:CHARLOTTESVILLE

State:VA

ZIP:22901

Country:US

Phone:804-973-4361

CAGE:6L214

Company Name:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-542-1042

Contract Num:SP0450-00-M-SJ18

CAGE:0TNN7

Company Name:WAITE R M CO

Address:2100 EMBARCADERO SUITE 203

Box:City:OAKLAN

D
State:CA
ZIP:94606
Country:US
Phone:510-535-1266
Contract Num:SP0450-00-M-SK06
CAGE:0V485

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

Ingred Name:POTASSIUM CARBONATE
CAS:584-08-7
RTECS #:TS7750000
> Wt:40.
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP
:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE; MAY BE IRRITATING TO BODY
TISSUE. CHRONIC: THE EFFECT OF CHRONIC OVER-EXPOSURE MAY CONSIST OF
MULTIPLE AREAS OF SUPERFICIAL IRRITATION. PROLONGED CONTACT MAY
RESULT IN PRIMARY IRRITANT DERMATITIS AND POSSIBLE DESTRUCTION OF
TISSUE. SIMILARLY, CHRONIC OVER-EXPOSURE TO THE INHALATION OF DUST,
SPRAY OR MIST MAY RESULT IN VARYING DEGREES OF IRRITATION TO THE
RESPIRATORY TRACT TISSUE AND AN INCREASED SUSCEPTIBILITY TO
RESPIRATORY ILLNESS.
Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER.
Effects of Overexposure:PROLONGED CONTACT MAY BE IRRITATING TO SKIN,
EYES AND MUCOUS MEMBRANE.
Medical Condition Aggravated by Exposure:PROLONGED CONTACT MAY CAUSE
CHEMICAL BURNS.

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

First Aid:IF EXPOSED TO THE FIRE SUPPRESSION AGENT, FLUSH AND IRRIGATE
EYES WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. FOR SKIN
CONTACT

TACT, WASH THOROUGHLY WITH SOAP AND WATER. FOR INHALATION SEEK FRESH AIR. FOR INGESTION, DILUTE BY DRINKING LARGE QUANTITIES OF WATER, IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. IN THE EVENT OF PHYSICAL INJURY, DUE TO THE COMPRESSED GAS HAZARD, TAKE APPROPRIATE FIRST AID OR MEDICAL MEASURES.

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

Extinguishing Media: NA THIS IS A FIRE EXTINGUISHING AGENT

Fire Fighting Procedures: AVOID DIRECT HEAT AND SEVERE IMPACT TO

PRESSURIZED CYLINDERS.

Unusual Fire/Explosion Hazard: SEE INGREDIENTS AND STORAGE AND HANDLING SECTIONS.

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

Spill Release Procedures: CONTAIN ANY SPILL. PLACE IN CLOSED CONTAINER FOR PROPER DISPOSAL. WASH SPILL AREAS LIBERALLY WITH WATER TO REMOVE TRACES.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:

HANDLE TRANSPORT AND STORE CAREFULLY

AND SECURELY TO AVOID ACCIDENTAL KNOCKING OVER OR OTHER SEVERE PHYSICAL IMPACTS. DO NOT EXPOSE TO DIRECT HEAT SOURCES. DO NOT OVERPRESSURIZE.

Other Precautions: CYLINDERS SHOULD BE RECHARGED ONLY BY TRAINED AND QUALIFIED PERSONNEL.

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

Respiratory Protection: FOR ACUTE EXPOSURE, NO RESPIRATORY PROTECTION IS NECESSARY. FOR CHRONIC EXPOSURE TO SPRAY OR MIST USE OF A NIOSH

H/MSHA APPROVED RESPIRATOR IS RECOMMENDED.

Ventilation: LOCAL EXHAUST.

Protective Gloves: RUBBER

Eye Protection: CHEMICAL GOGGLES

Other Protective Equipment: SAFETY SHOES ARE RECOMMENDED WHEN HANDLING CYLINDERS.

Work Hygienic Practices: NONE ESTABLISHED.

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER

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

HCC: B3

Boiling Pt: 228.C, 442.4F

Melt/Freeze Pt: -28.7C, -20.F

Vapor Pres: 12

Vapor Density: NA

Spec Gravity: 1.4

Solubility in Water:100

Appearance and Odor:CLEAR LIQUID, NO DISTINCT ODOR

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

Stability Indicator/Materials to Avoid:YES

LIME DUST (CAO) AND ANY MATERIAL REACTIVE WITH WATER.

Stability Condition to Avoid:DIRECT HEAT AND SEVERE IMPACT TO
PRESSURIZED CYLINDERS.

Hazardous Decomposition Products:NO DATA PROVIDED BY MANUFACTURER.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:NO DATA PROVIDED BY MANUFACTURER.

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

Ecological:NO DATA PROVIDED BY MANUFACTURER.

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

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

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

Transport Information:NO DATA PROVIDED BY MANUFACTURER.

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

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER.

Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of Ameri

ca in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.