

MACDERMID INC.(FRMLY ALLIED-KE -- BARRETT SNR-24

MSDS Safety Information

FSC: 6810
NIIN: 01-315-4595
MSDS Date: 02/03/1998
MSDS Num: CKTKZ
Product ID: BARRETT SNR-24
MFN: 02
Responsible Party
Cage: OPX54
Name: MACDERMID INC.(FRMLY ALLIED-KELITE)
Address: 245 FREIGHT STREET
City: WATERBURY CT 06702
Info Phone Number: 203-575-5606/800-424-9300(CHEMTREC)
Emergency Phone Number: 203-575-5700
Resp. Party Other MSDS No.: PRODUCT CODE: 13403
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

Contractor Summary

Cage: OPX54
Name: MACDERMID INC.(FRMLY ALLIED-KELITE)
Address: 245 FREIGHT STREET
City: WATERBURY CT 06702
Phone: 203-575-5606/800-424-9300(CHEMTREC)

Item Description Information

Item Manager: S9G
Item Name: NICKEL SULPHAMATE S
Specification Number: UNKNOWN
Unit of Issue: EA
UI Container Qty: 0
Type of Container: UNKNOWN

Ingredients

Name: *** PROPRIETARY ***

Health Hazards Data

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LD50 LC50 Mixture: NONE PROVIDED BY MFR.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Effects of Exposure: ACUTE: EYE: CHEMICAL IRRITATION FOLLOWS INITIAL MECHANICAL IRRITATION. MAY CAUSE SLIGHT IRRITATION TO SENSITIVE INDIVIDUALS. SKIN: MAY CAUSE IRRITATION & DAMAGE TO SKIN. INGESTION: IRRITATION & BURNING SENSATION OF LIPS/MOUTH & THROAT. GENERALLY CAUSES PAIN IN SWALLOWING. INHALATION: IRRITATION OF MUCOUS M

EMBRANE OF NOSE/MOUTH/THROAT MAY OCCUR. MAY EXPERIENCE GENERAL FEELING OF DISCOMFORT. CHRONIC: . INGESTION: STOMACH OR ABDOMINAL PAIN MAY OCCUR.

Explanation Of Carcinogenicity: NONE PROVIDED BY MFR.:NICKEL AND CERTAIN NICKEL COMPOUNDS ARE REASONABLY ANTICIPATED TO BE HUMAN CARCINOGEN (NIOSH). ACCORDING TO IARC, SOLUBLE NICKEL COMPOUNDS ARE NOT CLASSIFIABLE AS A HUMAN CARCINOGEN.

Signs And Symptoms Of Overexposure: EYE: INTENSE WATERING OF EYES. INFLAMMATION OF CONJUNCTIVA WILL OCC

UR. SKIN: INITIAL CONTACT WILL BE PAINLESS

BUT BLISTERS OCCUR LATER. CAUSES PAINFUL SENSATION TO SKIN. INHALATION: TEMPORARY HEADACHE. IRRITATION.

Medical Cond Aggravated By Exposure: NONE PROVIDED BY MFR.

First Aid: EYE: TAKE THE VICTIM IMMEDIATELY TO THE NEAREST EYEWASH OR SHOWER. WASH AFFECTED EYES UNDER SLOWLY RUNNING WATER FOR 15 MINS. SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. IF IRRITATION DEVELOPS, CONTACT A PHYSIC

IAN. INGESTION. DO

NOT INDUCE VOMITING. IF CONSCIOUS, HAVE VICTIM RINSE MOUTH, THEN DRINK LG AMOUNTS OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN IMMEDIATELY. INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. (SUPPL)

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Handling and Disposal

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Spill Release Procedures: WEAR PROTECTIV

E CLOTHING & EQUIPMENT DURING

CLEANUP. ABSORB SPILLS ON AN INERT MATERIAL SUCH AS EARTH, SAND OR VERMICULITE: SWEEP UP & DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

Neutralizing Agent: NONE PROVIDED BY MFR.

Waste Disposal Methods: DISPOSE OF BY AN APPROVED METHOD AT AN APPROVED SECURE FACILITY. DO NOT DISCHARGE TO WATERWAYS OR SEWER SYSTEMS WITHOUT PROPER AUTHORIZATION. NEVER WASTETREAT OR DISPOSE OF MATERIAL UNTIL YOU CHECK APPROPRIATE LOCAL, STATE,

& FEDERAL REGULATIONS FOR REQUIREMENTS. SPILLS
MAY REQUIRE NOTIFICATION TO FEDERAL/STATE/LOCAL AUTHORITIES.
Handling And Storage Precautions: MATERIAL SHOULD BE STORED IN THE PROPERLY
SEALED ORIGINAL CONTAINER. WEAR PROTECTIVE CLOTHING & EQUIPMENT WHILE
HANDLING. MAXIMUM: 120 DEG F. MIN: 32 DEG F.
Other Precautions: NONE PROVIDED BY MFR.

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Fire and Explosion Hazard Information

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Flash Point Text: NA
Autoignition Temp Text: NONE P
Lower Limits: NONE PROVIDE
Upper Limits: NONE PROVIDE
Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER. AS APPROPRIATE
FOR SURROUNDING MATERIAL. NEVER ALLOW RUN-OFF TO ENTER SEWERS OR WATERWAYS.
Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS / PROTECTIVE
CLOTHING.
Unusual Fire/Explosion Hazard: UNKNOWN

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Control Measures

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Respiratory Protection: IF CONCENTRATIONS INCREASE TLV, USE NIOSH APPROVED
RESPIRATOR. CONSULT YOUR INDUSTRIAL HYGEINIST. FOR LARGE SPILLS AND ENTRY
INTO CONFINED SPACES, USE PRESSURE DEMAND SELF CONTAINED BREATHING APPARAT
US.
Ventilation: GENERAL VENTILATION IS RECOMMENDED. LOCAL EXHAUST VENTILATION IS
RECOMMENDED WHERE VAPORS, DUSTS, MISTS OR AEROSOLS MAY BE RELEASED.
Protective Gloves: CHEMICALLY RESISTANT GLOVES. PVC, RUBBER NEOPRENE.
Eye Protection: S
AFETY GLASSES &/OR SPLASH GOGGLES, FACE SHIELDS
Other Protective Equipment: CHEMICALLY RESISTANT APRON, BOOTS. SAFETY SHOWER.
EYE WASH STATION.
Work Hygienic Practices: LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. CONSULT
WITH YOUR SAFETY PROFESSIONAL/INDUSTRIAL HYGIENISTS FOR SPECIFIC INFORMATION
REGARDING APPLICATIONS AT YOUR FACILITY.
Supplemental Safety and Health: 1ST AID CONT: INHALATION: IF BREATHING IS
DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN IMMEDIATELY. CAUTION: IF UNCONSCIOUS

- HAVING TROUBLE BREATHING - OR IN CONVULSIONS DO NOT INDUCE VOMITING OR GIVE WATER. ALWAYS CLEAN CONTAMINATED CLOTHING & GEAR PRIOR TO REUSE.

Physical/Chemical Properties

HCC: C3

Boiling Point: >100.C, 212.F

Melt/Freeze Pt: <0.C, 32.F

Decomp Text: NONE PROVIDED BY MFR.

Vapor Pres: NONE PROVIDED BY MFR.

Vapor Density: NONE PROVIDED BY MFR.

Spec Gravity: 1.552

PH: 4.55

Viscosity: NON

E PROVIDED BY MFR.

Evaporation Rate & Reference: NONE PROVIDED BY MFR.

Solubility in Water: COMPLETE

Appearance and Odor: LIQUID, GREEN COLOR, ODORLESS

Percent Volatiles by Volume: NOT DETERMINED

Corrosion Rate: NONE PROVIDED BY MFR

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: DIRECT HEAT, DIRECT SUNLIGHT

Materials To Avoid: ALKALIS & OXIDIZING AGENTS

Hazard

Decomposition Products: OXIDES OF SULFUR

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NO HAZARDOUS POLYMERIZATION

Toxicological Information

Toxicological Information: TOXICITY STUDIES HAVE NOT BEEN CONDUCTED ON THIS PRODUCT. HOWEVER, TOXICITY SURVEYS HAVE BEEN CONDUCTED ON THE INGREDIENTS, THE RESULTS ARE AS FOLLOWS: ACUTE ORAL, DERMAL AND RESPIRATORY TOXICITY: UNKNOWN.

Ecological Information

Ecological: NO INFORMATION PROVIDED.

MSDS Transport Information

Transport Information: NOT REGULATED.

Regulatory Information

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Sara Title III Information: SEC 302: EXTREMELY HAZARDOUS SUBSTANCES(40CFR 355):
NONE. SEC 311 & 312 (40 CFR 370): THIS PRODUCT CONTAINS INGREDIENTS THAT
MAY REQUIRE REPORTING UNDER HAZARDOUS CHEMICAL INVENTORY REPORTING. AND H
AS IMMEDIATE ACUTE HEALTH HAZARD. SEC 311: SUBMISSION OF MSDS OR A LIST OF
PRODUCT NAMES TO LOCAL EMERGENCY RESPONSE COMMISSIONS/FIRE DEPARTMENT IS
REQUIRED AFTER OCT 17, 1987. SEC 313:THIS PRODUCT DOES NOT CONTAIN
INGREDIENTS LISTED UNDE

R 40CFR 372.65. CERCLA SUPERFUND 40CFR 117, 302/304:
NOTIFICATION OF SPILLS OF THIS PRODUCT IS NOT REQUIRED.

Federal Regulatory Information: OSHA HAZ COM RULE 29 CFR 1910.1200: BASED UPON
THE EVALUATION OF THIS PRODUCT, NO INGREDIENTS IN THIS PRODUCT ARE SUBJECT TO
THIS RULE. THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTOR
Y.

State Regulatory Information: CALIFORNIA PROPOSITION 65 - THIS PRODUCT DOES NOT
CONTAIN CHEMICALS LISTED IN PROP 65. MICHIGAN CRITICAL MATERIA

LS: THIS
PRODUCT DOES NOT CONTAIN INGREDIENTS LISTED ON THE MICHIGAN CRITICAL
MATERIALS REGISTER.

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Other Information

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Transportation Information

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Responsible Party Code: 0PX54
Trans ID NO: 154790
Product ID: BARRETT SNR-24
MSDS Prepared Date: 02/03/1998
Review Date: 09/2
8/2000
MFN: 2
Multiple KIT Number: 0
Unit Of Issue: EA
Container QTY: 0
Type Of Container: UNKNOWN

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Detail DOT Information

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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ
IMO Proper Shipping Na

me: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATI
ON

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HAZCOM Label

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Product ID: BARRETT SNR-24

Cage: 0PX54

Company Name: MACDERMID INC.(FRMLY ALLIED-KELITE)

Street: 245 FREIGHT STREET

City: WATERBURY CT

Zipcode: 06702

Health Emergency Phone: 203-575-5700

Label Required IND: Y

Date Of Label Review: 09/28/2000

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

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alth Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ACUTE: MAY CAUSE IRRITATION TO EYES, SKIN,
GASTROINTESTINAL TRACT AND RESPIRATORY SYSTEM. CHRONIC: SKIN: PROLONGED OR
REPEATED CONTACT MAY CAUSE IRRITATION. FIRST AID:EYE: IMMEDIATELY FLUSH WITH
LG Q UANTITIES OF WATER FOR AT LEAST 15 MINS&CALL A PHYSICIAN. SKIN:
FLUSH SKIN WITH LARGE AMOUNTS OF WATER FOR 15 MINS. CONTACT A PHYSICIAN.
INGESTION: CONTACT A PHYSICIAN IMMED

IATELY. INHALATION: REMOVE THE VICTIM TO
FRESH AIR. CAUTION: IF UNCONSCIOUS - HAVING TROUBLE BREATHING -OR IN
CONVULSIONS DO NOT INDUCE VOMITING OR GIVE WATER. ALWAYS CLEAN CONTAMINATED
CLOTHING & GEAR PRIOR TO REUSE. NEVER ADMINISTER ANYTHING TO AN
UNCONSCIOUS PERSON.

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of Defense or other government situation.