

BARRETTS MINERALS INC -- TALCRON MP 45-28 -- 6810-00-270-9989

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Product Identification
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Product ID:TALCRON MP 45-28
MSDS Date:01/28/1999
FSC:6810
NIIN:00-270-9989
MSDS Number: CJJLK
=== Responsible Party ===
Company Name:BARRETTS MINERALS INC
Address:8625 MONTANA HWY 91 S
Box:1147
City:DILLON
State:MT
ZIP:59725-1147
Country:US
Info Phone Num:406-683-4231
Emergency Phone Num:610-250-3039
Preparer's Name:MIKE LARSON
CAGE:1GRP7
=== Contractor Identification ===
Company Name:BARRETTS MINERALS INC
Address:8625 MONTANA HWY 91 S
Box:1147
City:DILLON
State:MT
ZIP:59725-1147
Country:US
Phone:406-683-4231
CAGE:1GRP7
Company Name:WAITE R M CO
Address:2100 EMBARCADERO SUITE 203
Box:City:OAKLAND
State:CA
ZIP:94606
Country:US
Phone:510-535-1266
Contract Num:SP0450-01-M-D512
CAGE:0V485

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Composition/Information on Ingredients
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Ingred Name:TALC; MAGNESIUM SILICATE

CAS:14807-96-6
RTECS #:WW2710000
Minumum % Wt:96.
Maxumum % Wt:98.
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:2 MG/M3

Ingred Name:CHLORITE
CAS:1318-59-8
Minumum % Wt:1.
Maxumum % Wt:3.

Ingred Name:QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Minumum % Wt:0.
Maxumum % Wt:.5
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Haza

rd s Acute and Chronic:TARGET ORGANS: EYES, SKIN AND
RESPIRATORY TRACT. ACUTE: INHALATION-MAY CAUSE SNEEZING, COUGHING
AND NOSE IRRITATION. SKIN-MAY CAUSE SKIN IRRITATION. EYE-MAY CAUSE
EYE IRRITATION. INGESTION-MAY CAUSE MILD IRRITATION TO THE
GASTROINTESTINAL TRACT. CHRONIC: INHALATION-MAY CAUSE TALCOSIS, A
PULMONARY FIBROSIS, WHICH IN TURN MAY LEAD TO SEVERE AND PERMANENT
DAMAGE TO THE LUNGS.

Explanation of Carcinogenicity:CRYSTALLINE SILICA HAS BEEN REVIEWED BY

I
ARC. IARC FOUND SUFFICIENT EVIDENCE IN HUMANS FOR THE
CARCINOGENICITY OF INHALED SILICA IN THE FORM OF
QUARTZ/CRISTOBALITE FROM OCCUPATIONAL SOURCES.

Effects of Overexposure:INHALATION-EXCESSIVE SNEEZING OR COUGHING.
SKIN-DRYNESS AND/OR MILD IRRITATION. EYE-MILD IRRITATION.
INGESTION-MILD IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING CHRONIC RESPIRATORY,
SKIN OR EYE DISEASE.

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===== First Aid Measures =====
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First Aid:INHALA

ION-REMOVE EXPOSED PERSON TO FRESH AIR. IF SYMPTOMS SUCH AS EXCESSIVE SNEEZING OR COUGHING DEVELOP, SEEK MEDICAL ATTENTION. SKIN-WASH FROM SKIN WITH MILD SOAP AND WATER. EYES-FLUSH EYES WITH PL ENTY OF WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INGESTION-INGESTION SHOULD NOT BE A SIGNIFICANT HEALTH PROBLEM. IF A LARGE AMOUNT IS INGESTED & THE PERSON IS UNCONSC IOUS, GIVE LARGE QUANTITIES OF WATER TO INDUCE VOMITING. GET MEDICAL ATTENTI ON.

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

Extinguishing Media:MATERIAL IS NON-COMBUSTIBLE. FOLLOW FIRE EXTINGUISHING PROCEDURES FOR SURROUNDING COMBUSTIBLES.

Fire Fighting Procedures:MATERIAL IS NON-COMBUSTIBLE. FOLLOW FIRE FIGHTING PROCEDURES FOR SURROUNDING MATERIALS.

Unusual Fire/Explosion Hazard:MATERIAL IS NON-COMBUSTIBLE AND IS NOT AN EXPLOSIVE HAZARD,

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

Spill Release Procedures

:PROVIDE ADEQUATE VENTILATION. CLEANUP

PERSONNEL SHOULD USE PROTECTIVE EQUIPMENT TO REDUCE EYE CONTACT, INHALATION OF DUST AND PROLONGED SKIN CONTACT. USE VACUUM SUCTION WITH HEPA FILTERS TO CLEAN UP S PILLED MATERIAL. USE WET SWEEPING OR A DUST SUPPRESANT WHERE SWEEPING IS NECESSARY. PERSONAL SAFETY, HANDLING & EXPOSURE RECOMMENDATIONS DESCRIBED IN THIS DATA SHEET APPLY TO EXPOSURE DURING CLEAN UP.

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

Han

dling and Storage Precautions:STORE TO MINIMIZE OR AVOID DUST GENERATION. STORE IN DRY LOCATIONS. AVOID DAMAGING CONTAINER.

Other Precautions:THE USER SHOULD BE AWARE THAT COMBINING THIS MATERIAL WITH ANOTHER MAY ALTER THIS CLASSIFICATION.

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

Respiratory Protection:WHEN ESTABLISHED AIRBORNE EXPOSURE LIMITS ARE SURPRESSED, VEAR NIOSH/MSHA APPROVED RESPIRATORY EQUIPMENT. DETERMINE THE APPROPRIATE TYPE EQUIPMENT FOR

SPECIFIC APPLICATIONS

BY CONSULTING THE RESPIRATOR MANUFACTURER. OBSERVE THE RESPIRATOR MANUFACTURER. OBSERVE THE RESPIRATOR USE LIMITATIONS SPECIFIED BY *(SEE BELOW)

Ventilation:PROVIDE ADEQUATE EXHAUST VENTILATION TO MEET EXPOSURE LIMIT REQUIREMENTS. THE READER IS REFERRED TO THE ACGIM VENTILATION MANUAL **(SEE BELOW)

Protective Gloves:LEATHER OR IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES EQUIPPED WITH SIDE SHIELDS OR DUST-TIGHT GOGGLES.

Other Protective Equipmen

t:WEAR LONG-SLEEVE CLOTHING TO AVOID SKIN CONTACT.

Supplemental Safety and Health

* NIOSH/MSHA OR THE MANUFACTURER. IN ADDITION, RESPIRATORY PROTECTION PROGRAMS MUST COMPLY WITH 29 CFR 1910.134. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

**FOR GUIDANCE ON THE PROPER DESIGN OF VENTILATION SYSTEMS.

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

HCC:N1

Decomp Temp:Decomp Text:NONE KNOWN

Spec Gravity:2.8

pH:NA

Appe

arance and Odor:WHITE POWDER, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE IN DESIGNED USE.

Stability Condition to Avoid:AVOID WATER AND MOISTURE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:INHALATION EFFECTS-RAT INHALATION, TC(LO)=11 MG/M3 ADMINISTERED INTERMITTENTLY OVER A YEAR PRODUCES A TOXIC EFFECTS. D

ERMAL EFFECTS-RAT, IMPLANT, TD(LO)=200 MG/KG HUMAN, SKIN,
300 UG ADMINISTERED INTERMITTENTLY OVER A THREE DAY PERIOD
PRODUCES MILD IRRITATION. EYE EFFECTS-NONE KNOWN. INGESTION
EFFECTS-NONE KNOWN. OTHER EFFECTS-NONE KNOWN.

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Ecological Information
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Ecological:ECOTOXICOLOGICAL INFORMATION/DISTRIBUTION/CHEMICAL FATE: NO
INFORMATION IS CURRENTLY AVAILABLE ON THIS MATERIAL.

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Disposal Considerations
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Waste Disposal Methods:IF THIS MATERIAL BECOMES A WASTE, IT DOES NOT
MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED UNDER RCRA, 40
CFR 201, SINCE IT DOES NOT HAVE THE CHARACTERISTICS OF SUBPART C,
NOR IS IT LISTED UNDER SUBPART D. STATE OR LOCAL HAZARDOUS WASTE
REGULATIONS MAY APPLY IF THEY ARE DIFFERENT FROM FEDERAL R
EGULATIONS.

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MSDS Transport Information
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Transport Information:DOT CLASS: NOT REGULATED BY U.S. DOT OR ANY O
THER
KNOWN TRANSPORTATION AGENCIES. FOR TRANSPORTATION EMERGENCIES CALL
CHEMTREC 24 HOUR INFORMATION SERVICES AT 1-800-424-9300. DOT
SHIPPING NAME: TALC. DOT LABEL: NOT REQUIRED. PACKING
GROUP:NOTREQUIRED. UN REGISTER: NOT APPLICABLE.

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Regulatory Information
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SARA Title III Information:THIS PRODUCT CONTAINS SUBSTANCES REGULATED
UNDER 29 CFR 1910.1200 AS IMMEDIATE (ACUTE) HEALTH HAZARD.

Federal Regulatory Information:ALL NATURALL
Y OCCURRING CHEMICAL

SUBSTANCES IN THIS PRODUCT ARE AUTOMATICALLY INCLUDED IN THE USEPA
TSCA INVENTORY OF CHEMICAL SUBSTANCES PER 40 CFR 710.4(B). ALL
OTHER INGREDIENTS OF THIS PRODUCT ARE ALSO INCLUDED IN THE USEPA
INVENTORY OFCHEMICAL SUBSTANCES.

State Regulatory Information:CAL. PROPOSITION 85 STATUS: THIS PRODUCT
CONTAINS EXTREMELY SMALL BUT DETECTABLE AMOUNTS OF SUBSTANCES
REGULATED UNDER CALIFORNIA'S SAFE DRINKING WATER AND TOXIC
ENFORCEMENT ACT (PROPOSITION 65)

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

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