

WHITTAKER, CLARK & DANIELS INC -- TALC -- 6810-00-270-9988

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

Product ID:TALC
MSDS Date:01/01/1997
FSC:6810
NIIN:00-270-9988
Status Code:A
MSDS Number: CJQTC
=== Responsible Party ===
Company Name:WHITTAKER, CLARK & DANIELS INC
Address:1000 COOLIDGE STREET
City:SOUTH PLAINFIELD
State:NJ
ZIP:07080
Country:US
Info Phone Num:(908) 561-6100
Emergency Phone Num:908-961-6100
CAGE:GO100
=== Contractor Identification ===
Company Name:CHEMICAL MANAGEMENT SYSTEMS LLC DBA CHEMICAL MANAGEMENT
SYST
Address:11029 NATURAL BRIDGE
Box:City:BRIDGETON
State:MO
ZIP:63044
Country:US
Phone:314-731-7278
Contract Num:SP0450-99-MNH54
CAGE:1LFJ4
Company Name:WHITTAKER, CLARK & DANIELS INC
Address:1000 COOLIDGE STREET
City:SOUTH PLAINFIELD
State:NJ
ZIP:07080
Country:US
Phone:(908) 561-6100
CAGE:GO100

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

Ingred Name:TALC (NON-ASBESTOS FORM)
CAS:14807-96-6
RTECS #:WW2710000
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:CRYSTALLINE SILICA
CAS:14464-46-1
RTECS #:VV7325000
< Wt:1.
OSHA PEL:0.10 MG/M3
ACGIH TLV:0.05 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
TRACT. ACUTE - INHALATION: INHALATION OF DUST MAY CAUSE SNEEZING,
COUGHING, AND NOSE IRRITATION. SKIN CONTACT: THE ABRASIVENESS OF
TALC MAY CAUSE SKIN IRRITATION . EYE CONTACT: ABRASION MAY CAUSE
EYE IRRITATION. INGESTION: MAY CAUSE MILD IRRITATION OF

**PLAINTIFF'S
EXHIBIT
WCD-11**

GASTROINTESTINAL TRACT. CHRONIC - INHALATION: LONG-TERM EXCESSIVE EXPOSURES MAY CAUSE TALCOSIS, A PULMONARY FIBROSIS WHICH MAY LEAD TO SEVERE AND PERMANENT DAMAGE TO THE LUNG - POSSIBLY RESULTING IN DISABILITY OR DEATH.

Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA.

Effects of Overexposure:INHALATION: EXCESSIVE SNEEZING OR COUGHING.

SKIN CONTACT: DRYNESS AND/OR MILD IRRITATION. EYE CONTACT: MILD IRRITATION. INGESTION: MILD IRRITATION.

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

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

First Aid:INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. IF SYMPTOMS SUCH AS EXCESSIVE SNEEZING/COUGHING DEVELOP, SEEK MEDICAL ATTENTION. SKIN: WASH FROM SKIN WITH MILD SOAP AND WATER. EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: SHOULD NOT CAUSE SIGNIFICANT HEALTH PROBLEMS. IF INGESTED, AND IF PERSON IS CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO INDUCE VOMITING. GET MEDICAL ATTENTION. NOTE TO PHYSICIAN: ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS AND SYMPTOMS OF DISTRESS IN THE PATIENT. CONSIDER POSSIBILITY OF EXPOSURE TO MATERIALS OTHER THAN TALC.

===== 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 EXPLOSION 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 SPILLED MATERIAL. USE WET SWEEPING OR DUST SUPPRESSANT WHERE SWEEPING IS NECESSARY. PERSONAL SAFETY, HANDLING AND EXPOSURE DESCRIBED IN THIS MSDS APPLY TO EXPOSURE DURING CLEAN UP AND MUST BE FOLLOWED.

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

Handling and Storage Precautions:STORE TO MINIMIZE OR AVOID DUST GENERATION. STORE IN CLEAN, DRY LOCATIONS.

Other Precautions:AVOID DAMAGING CONTAINERS.

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

Respiratory Protection:WHEN ESTABLISHED AIRBORNE LIMITS ARE SURPASSED,WEAR NIOSH/MSHA APPROVED RESPIRATORY EQUIPMENT FOR DUST.DETERMINE APPROPRIATE TYPE EQUIPMENT FOR SPECIFIC APPLICATIONS BY CONSULTING THE MANUFACTURER.OBSERVE LIMITATIONS SPECIFIED BY MANUFACTURER AND MUST COMPLY WITH 29CFR1910.134. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation:PROVIDE ADEQUATE EXHAUST VENTILATION TO MEET EXPOSURE LIMIT REQUIREMENTS.

Protective Gloves:LEATHER OR OTHER IMPERVIOUS GLOVES

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

Other Protective Equipment:WEAR LONG SLEEVED CLOTHING TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

NONE

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

HCC:N1
Spec Gravity:~2.7
Solubility in Water:INSOLUBLE
Appearance and Odor:SOLID, WHITE POWDER;NO ODOR

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

Stability Indicator/Materials to Avoid:YES
NONE IN DESIGNED USE
Stability Condition to Avoid:WATER AND MOISTURE
Hazardous Decomposition Products:NONE KNOWN

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

Toxicological Information:RAT INHALATION: TC(L0) = 11 MG/M3

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

Ecological:NO INFORMATION

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

Waste Disposal Methods:IF THIS MATERIAL BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED UNDER THE RCRA, 40 CFR261, 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 THE FEDERAL REGULATIONS. MIXING ALTERS CLASSIFICATION.

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

SARA Title III Information:311/312: IMMEDIATE (ACUTE) HEALTH HAZARDS
Federal Regulatory Information:ALL INGREDIENTS IN THIS PRODUCT ARE EITHER NATURALLY OCCURRING AND EXEMPT FROM REPORTING OR ARE INCLUDED IN EPA'S TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information:

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

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