

*Cas
custodial*

JUL 05 1991

SECTION I
PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER (as it appears on label)
SPARCREME (NEW & IMPROVED)

MANUFACTURER'S NAME
Spartan Chemical Co., Inc.

EMERGENCY TELEPHONE NO.
(419) 531-5551

ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)
110 N. Westwood Ave., Toledo, OH 43607

MANUFACTURER'S D-U-N-S NO.
00-503-6728

SECTION II
HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	OSHA Table Z-3 (Mineral Dusts) PEL	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(Z) (SPECIFY)
77-92-9	1-5	Citric acid	---	no
14808-60-7	25.0	Silica, crystalline quartz (respirable)	10 mg/M ³	IARC* NTP - no OSHA - no

*IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. (IARC Class 2A) Please see Section V - Health Hazard Data.

SECTION III
PHYSICAL DATA

BOILING POINT 212°F	SPECIFIC GRAVITY (H ₂ O = 1) 1.185	PERCENT SOLID BY WEIGHT (%) 30-35
VAPOR PRESSURE @ 75 °F ___ °C 18 mm Hg ___ psi	EVAPORATION RATE (but. ace. = 1) <1	
VAPOR DENSITY (AIR = 1) Unknown	APPEARANCE AND ODOR Light green viscous creme, lime fragrance	IS MATERIAL: (LIQUID) SOLID GAS PASTE POWDER
SOLUBILITY IN WATER Sand - insoluble		
pH 2.0-2.5		

SECTION IV
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT - None METHOD USED - ASTM - D92 FLAMMABLE LIMITS - n/a
EXTINGUISHING MEDIA
N/A
SPECIAL FIRE FIGHTING PROCEDURES
None
UNUSUAL FIRE AND EXPLOSION HAZARDS
None

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - Under normal use conditions, in a liquid state, these precautions do not apply. However, if sufficient quantities are allowed to dry and the crystalline silica particles become airborne, the manufacturer of the respirable crystalline silica states the following medical conditions may be generally aggravated by exposure to these airborne particles: Pulmonary function may be reduced by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung (silicosis) which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effect of exposure.

PRIMARY ROUTES OF ENTRY **INHALATION** X **SKIN CONTACT** **OTHER (SPECIFY)**

CONDITIONS AGGRAVATED BY USE - See Effects of Overexposure

EMERGENCY AND FIRST AID PROCEDURES - The manufacturer of the respirable crystalline silica states: For sand in eyes, wash immediately with water. If irritation persists, seek medical attention. For gross inhalation, remove person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE
STABLE X

INCOMPATIBILITY (MATERIALS TO AVOID)

The manufacturer of the respirable crystalline silica states: Contact with powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride, may cause fires.

HAZARDOUS DECOMPOSITION PRODUCTS

Unknown

HAZARDOUS **MAY OCCUR**
POLYMERIZATION **WILL NOT OCCUR** X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

The manufacturer of the respirable crystalline silica states: Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment as needed.

WASTE DISPOSAL METHOD

Dispose of in accordance with Federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

None required for product as is and under normal use conditions. If Sparcreme is allowed to dry on a surface, then respiratory equipment designed to remove particles in the range of 10 microns is recommended.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

PROTECTIVE GLOVES (SPECIFY TYPE)

Acid resistant gloves

EYE PROTECTION (SPECIFY TYPE)

Goggles or face shield

OTHER PROTECTIVE EQUIPMENT - Under certain conditions acid resistant aprons and boots are suggested.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

OTHER PRECAUTIONS

None

Spartan Chemical Co., Inc.
SPARCREME (NEW & IMPROVED)
Ref: 29 CFR 1910:1200 (OSHA)

NAME Thomas J. Mitchell
TITLE Director of Research
DATE June 1, 1990
SUPERCEDES June 9, 1989