



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. TT 05
Effective Date January 25, 1999

SECTION V HEALTH HAZARD DATA

TT 05

Threshold Limited Value TWA: Talc (containing no asbestos fibers): 2 mg/m³, Respirable dust. (ACGIH 1992-93).

Effects of Overexposure The fine particulate form of this material is the hazard of concern. **INHALATION:** Of dust may cause irritation of the respiratory system. Long term excessive exposure can cause severe and permanent damage in the lungs (pulmonary fibrosis). **SKIN AND EYES:** Contact may cause irritation. **INGESTION:** Will cause gastrointestinal irritation, nausea and diarrhea.

Emergency and First Aid Procedures
EYE CONTACT: Flush eyes with plenty of running water, lifting lower and upper eyelids occasionally. Get medical attention. **SKIN CONTACT:** Remove dust with soap and water. **INHALATION:** Remove to fresh air. Get medical attention. **INGESTION:** If swallowed, if conscious, give 2-3 glasses of water to drink and induce vomiting. Repeat. If ill effects develop, get medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability
Unstable: Stable:
Conditions to Avoid This is a stable, powdered mineral under normal use and storage conditions.

Incompatibility (Materials to Avoid) No known incompatibilities. Material has high resistance to acids, alkalies and heat; but, these properties can vary somewhat with the impurity content.

Hazardous Decomposition Products This material is a stable material. No known decomposition products.

Hazardous Polymerization
May Occur: Will Not Occur:
Conditions to Avoid Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Avoid making dust. Wear a NIOSH/MSHA-approved dust mask or wet spill with water. Sweep up or vacuum and place in a suitable container for disposal in an approved landfill.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Uncontaminated material may be disposed of in a sanitary landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.

Ventilation
Local Exhaust: Recommended: Special: No.
Mechanical (General): Recommended: Other: No.

Protective Gloves None required. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Goggles, lab coat, apron, ventilation hood, eye wash station, proper gloves.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a dry place and protect container from damage. Wash thoroughly after handling.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Handle as a nuisance dust. Use with care. Avoid inhalation and ingestion. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 4 Date 1/25/99 Approved Michael Raszeja Chemical Safety Coordinator MR

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	TALC POWDER	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * HEALTH FIRE REACTIVITY 1 0 0
Chemical Synonyms	Talcum, French Chalk	
Formula	3MgO • 4S • O ₂ • H ₂ O	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	14807-96-6	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Talc (non-asbestiform and a minor amount of inert ingredients.)		See Section V.
Ingredients are impurities present in the complex mineral mixture. The impurities depend on the mine source and can vary from batch to batch. They may include magnesia, titania, calcium silicate, iron oxides, carbonates, aluminates, etc.		

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	2.6-2.9 at 20°C
Boiling Point (°F)	Decomposes 1800°C (3272°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Insoluble.		
Appearance & Odor	White to grayish-white powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

A water spray may be used to wet down the material to help reduce airborne particulate levels. Fire fighters should wear a NIOSH-MSHA approved self-contained breathing apparatus for dust protection when this finely powdered material is airborne in a fire situation.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous dust.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20