

Material Safety Data Sheet

SEED LUBE #2

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Revision Date: 9/13/2006

Section 1: Chemical Product and Company Identification

Product Name: Seed Lube #2

Product Number: Seed Lube #2

Manufacturer: Acrotech Industries, Inc.
4503 Ray St
Crystal Lake, IL 60012

Emergency Telephone: 800-535-5053

Information Telephone: 815-788-8891

Section 2: Composition / Information on Ingredients

	CAS	Concentration			
Major - Talc	14807-96-6	98-100%			
Minor - Dolomite	16389-88-1	<2%			
Chlorite	1318-59-8	<2%			
Magnesite	546-93-0	<2%			

Section 3: Hazards Identification

TALC OSHA – 20mppcf PELTWA
ACGIH – 2 mg/m³ TLVTWA (respirable dust)

Section 4: First Aid Measures

FIRE AND EXPLOSION HAZARD: None

FIRE FIGHT MEDIA: None

FLASH POINT: None

REACTIVITY: Stable

INCOMPATIBILITIES: None

DECOMPOSITION: None

Section 5: TOXICITY

TALC

NIOSH Registry Number: WW2710000

SAX Toxicity Evaluation: THR: Not available

Carcinogenic Status:

IARC Cancer Review: Human Inadequate Evidence

IARC Cancer Review: Animal Inadequate Evidence

IARC: Not Classifiable as a human carcinogen (Group 3)

OSHA: Not listed

ACGIH: A4 – Not Classifiable as a human Carcinogen

NTP: Not listed (currently under review). A 2-year inhalation study demonstrated clear evidence of carcinogenic activity in female rats at exposure levels of 18 mg.m3. Some evidence of carcinogenic activity was observed in male rats at the same level. No evidence of carcinogenic activity was found in mice (NTP TR-421).

Tumorigenic Data:

TCLo: ihl-rat 11 mg/m3/1Y-1

TDLo: imp-rat 200 mg/kg

Other Toxicity Data:

Skin and eye Irritation Data: skin-hmn 300 ug/3D-1 MLD

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Section 6: Health Effects and First Aid

INHALATION

ACUTE EXPOSURE: Exposure to a large concentration of air-born dust of this material may cause mechanical irritation of the mucous membranes and respiratory tract.

CHRONIC EXPOSURE: Repeated or prolonged inhalation of air-born dust of this material may cause scarring of the lungs (pulmonary fibrosis) with shortness of breath, chronic cough, and respiratory assisted heart failure. Prolonged exposure to talc can produce a symptomatic talc pneumoconiosis.

FIRST AID: Remove from exposure area to fresh air. If breathing has stopped, perform artificial respiration and get medical attention immediately. Keep person warm and at rest. Test symptomatically and supportively.

EYE CONTACT

ACUTE EXPOSURE: Direct contact with dust may cause mechanical irritation of the eyes.

CHRONIC EXPOSURE: Repeated exposure may cause conjunctivae inflammation.

FIRST AID: Wash eyes with large amounts of water or normal saline solution. If irritation or redness develops, seek medical attention.

INGESTION

Acute Exposure: This material is considered to be harmless and inert when ingested.

Chronic Exposure: Repeated ingestion of large doses of talc for 13 and 10 successive days by rabbits and mice, revealed negative teratogenic and carcinogenic results.

FIRST AID: Treat symptomatically and supportively. If vomiting occurs, keep head lower than hips to prevent aspiration.

Section 7: PHYSICAL DATA

TALC

DESCRIPTION: A natural mineral; grayish-white powder with a slight earthy odor.

ph: Slightly basic

DECOMPOSITION TEMP: 1652 ° - 1832 °F

Specific Gravity (water=1.0): 2.8

SOLUBILITY:

Water: .1 mg/mL @21 C (RAD)
Ethanol: 1 mg/mL @21 C (RAD)
Acetone: 1 mg/mL @21 C (RAD)
Cold acids: Insoluble
Alkalies: Insoluble

Section 8: STORAGE, DISPOSAL & ENVIRONMENTAL

STORAGE: Preserve in sealed containers to prevent dispersion of dust in air

WASTE DISPOSAL: Dry material can be landfilled. Observe all federal, state and local regulations. Responsibility for proper waste disposal is with the owner of the waste.

CONDITIONS TO AVOID: Prevent dispersion of dust in air.

ACCIDENTAL SPILLS: For large spills, shovel or sweep up (while keeping dispersion of dust in air minimum) and place into suitable sealed containers for reclamation or later disposal. Residue should be cleaned up using a high efficiency particulate filter vacuum. The use of water wash down is not recommended. Wet material can cause a surface used for walking to become extremely slippery.

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Section 9: Protective Equipment

VENTILATION: Provide local exhaust or process enclosure ventilation to meet published exposure limits.

RESPIRATOR: The following maximum use concentrations and respirators are recommendations by the U.S. Department of Health and Human Services; NIOSH Pocket Guide to Chemical Hazards; or by the U.S. Department of Labor, 29 CFR 1910 subpart Z.

Talc- Maximum-Use Concentration

10 mg/m³

20 mg/m³

Respirator

Any dust and mist respirator

Any dust and mist respirator except single use and quarter-mask respirator.

GLOVES: Protective gloves are not required, but may be worn to prevent skin dryness or irritation due to skin allergy.

EYE PROTECTION: Employees should wear dust-resistant safety goggles to prevent eye contact with high concentrations of air-borne dust of this substance. Where there is a possibility that an employee's eyes may be exposed to bulk quantities or high concentrations of air born dust of this substance, the employer should provide an eye wash fountain within the immediate work area for emergency use.

Section 10: Additional Information

NPCA: National Paint and Coatings Association –Hazardous Identification System (HMIS)

HEALTH HAZARD: 1

FLAMMABILITY HAZARD: 0

PHYSICAL HAZARD: 0

PERSONAL PROTECTION: E- glasses, gloves, dust respirator

CERCLA RATINGS: (scale 0-3) Health = 0, Fire = 0, Reactivity = 0, Persistence = 3

NFPA Ratings: (scale 0-4) Health = 0 Fire = 0 Reactivity = 0

U.S. Department of Transportation – DOT: No classification assigned

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