

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: ORBI-LUBE

Product Code: 3353

Chemical Name: Hydrated Magnesium Silicate

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620 PH: (877) 427-4255
Chicago, IL 60606
USA

HMIS
Health: 1
Flammability: 0
Reactivity: 0
Gloves, Dust Mask
& Safety Goggles

Emergency Phone Numbers: The HallStar Company (708) 594 - 5999
CHEMTREC (transportation) (800) 424 - 9300

Section 2 - Information on Ingredients

<u>Chemical Name</u>	<u>CAS#</u>
Quartz	14808-60-7
Talc	14807-96-6
Hydrated Magnesium Alumino Silicate	1318-59-8
Chlorite	71949-90-1

Section 3 - Hazard Identification

Appearance/Odor: White powder, no odor.

Potential Health Effects

Skin Contact: Repeated or prolonged skin contact may cause minor skin irritation. Chafing may occur.

Eye Contact: May cause slight eye irritation of susceptible persons.

Ingestion: May cause mild irritation of the gastrointestinal tract.

Inhalation: Inhalation of dust may cause sneezing, coughing, and nose irritation. Long-term exposure may cause talcosis, a pulmonary fibrosis which in turn may lead to severe and permanent damage to the lung.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. If drying occurs a topical lotion should be applied.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion: Give large amounts of water to induce vomiting. Seek medical attention.

Inhalation: Person should be moved to a fresh air environment.

Product Name: ORBI-LUBE

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: Material is non-combustible. Follow fire extinguishing procedures for surrounding combustibles.
Special Fire-Fighting Procedures: None Known.
Unusual Fire and Explosion Hazards: None known.

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Contain the spill and transfer into containers for recovery or disposal. Cleanup personnel should use protective equipment to reduce exposure. Wash floor area with a hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Containers should be kept tightly closed and stored in a dry well-ventilated place.

Section 8 - Personal Protection

OSHA Permissible Exposure Limit (PEL) : Quartz – 0.10 mg/m³
Talc – 2.0 mg/m³

Hand Protection: Impervious gloves
Eye Protection: Safety goggles
Respiratory Protection: When established airborne exposure limits are surpassed, wear NIOSH/MSHA approved respiratory equipment for dust.
Engineering Measures: Direct exhaust may be necessary should dust become a nuisance.
Other: Eyewash facility and emergency shower in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point:	N/A	Specific Gravity:	2.6
Vapor Pressure (Pet. Hydrocarbon):	N/A	Volatility (105°C/2 hrs):	N/A
Vapor Density :	N/A	Evaporation Rate:	N/A
Solubility in Water:	Negligible	Flash Point (COC):	N/A
Appearance and Odor: White powder, no odor.			

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.
Conditions to Avoid: Moisture
Hazardous Decomposition Products: None known.
Hazardous Polymerization: None known.

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Section 11 - Toxicological Information

Acute Toxicity: Rat Inhalation, TC(Lo) = 11 mg/m³, administered intermittently over a year produces a toxic effect.
Rat, Dermal Implant, TC(Lo) = 200 mg/kg Human, skin, 300 µg administered intermittently over a three day period produces mild irritation.

Section 12 - Ecological Information

No information is available at this time.

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is in compliance with the TSCA regulation of the United States.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR part 372:

Hazards

Acute Health Hazard

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

California Proposition 65: This product contains the following substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

Ingredients

None

Section 16 - Other Information

Prepared By: AAC

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Supersedes: 06/07

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.