

Safety Data Sheet

AM Leonard

HMIS Codes: Health = 0, Flammability = 0, Reactivity = 0, Personal Protection = B

SECTION I : PRODUCT IDENTITY

Product Name: **Lutz Perfect Spike** #30197

Manufacturers Info: Lutz Corporation
208 North Parkside Road
Normal, IL 61761

For Emergency: 1-800-203-7740

For Information: 1-630-878-3746

Date Prepared: May 16, 2004

SECTION II : HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

Hazardous Components	PEL	TLV	Wt. % Hazardous
	Not Available	10mg/m3 Nuisance Dust	Non-Hazardous 100%

This product is not classified as a hazardous material. Each Spike is a non-hazardous blend of ammonium sulfate, monoammoniated phosphate, potassium sulfate, manganese sulfate, iron sulfate, and other non-hazardous proprietary binders.

Ammonium Sulfate CAS# 7783-20-2

Potassium Sulfate CAS# 7778-80-5

Iron Sulfate CAS# 7720-78-7

Binder RW-25 CAS# 9011-05-6

Ammoniated Phosphate CAS# 10361-65-6

Manganese Sulfate CAS# 10034-96-5

Lube Carbowax CAS# 25322-68-3

SECTION III : PHYSICAL DATA

Boiling Point : N/A

Vapor Pressure : N/A

Vapor Density : N/A

Solubility in Water : Spikes dissolve in water

Appearance : Spikes are brown in color. 143 grams each. No odor.

Specific Gravity : 2.80g/cm3

Melting Point : N/A

Evaporation Rate : Not volatile

SECTION IV : FIRE AND EXPLOSION HAZARD DATE

Flash point : Not flammable

Flammable limits : N/A

Extinguishing Media : Use water or other agent suitable for surrounding fire.

Special Fire Fighting Procedures : Wear full protective clothing and self-contained breathing apparatus.

Unusual Fire and Explosion Hazards : Excessive inhalation of fumes from metals can produce metal fume fever. Toxic and irritating gas may be evolved in fire.

SECTION V : REACTIVITY DATA

Stability (Normal Conditions) : Stable

Conditions to avoid : None listed

Incompatibility : None listed

Hazardous Polymerization : Will not occur

SECTION VI : PERSONAL PROTECTION INFORMATION

Respiratory Protection: In dusty conditions, a NIOSH approved particulate respirator is recommended.

Eye Protection: Safety glasses with side shields, goggles or faceshield are recommended.

Skin Protection: Long sleeves, rubber gloves.

Ventilation Protection: Adequate ventilation or local exhaust ventilation to protect from nuisance dust.

SECTION VII : HEALTH HAZARD DATA

Health Hazards: Dust is irritating to the nose, throat, and respiratory tract, and may cause sore throat, coughing and shortness of breath. Skin irritation may result; repeated or prolonged exposure may cause dermatitis.

Ingestion: Of large amounts may be harmful.

Inhalation: Where adequate ventilation is not available use NIOSH approved respirators for dust.

Eye Contact: Not normal but, should it occur, immediately flush with water for at least 20 minutes.

Seek medical attention if irritation persists.

Skin Contact: Minimize skin contact. Use gloves and clean clothing as necessary.

Effects of Overdose: Inhalation of thermal decomposition products may be aggravating and toxic.

Emergency and First Aid Procedures:

Ingestion: If victim is conscious, give large quantities of water and induce vomiting. Call doctor.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Eyes: Flush with running water for at least 20 minutes. Seek medical attention if irritation persists.

Skin: Wash with soap and water. Seek medical attention if irritation persists.

SECTION VIII : PRECAUTIONS FOR SAFE HANDLING AND USE

Spill/Release Procedures: Sweep up spilled product and store to re-use.

Waste Disposal Method: Apply as fertilizer to field or normal landfill disposal.

Handling/Storing Precautions: Store in dry area. Mildly corrosive to copper, brass, alloy and metals.

Store away from strong acids and oxidizers. Keep away from children, feed and foodstuffs.

Note: The information and data contained herein is based upon facts considered to be correct as of the date hereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Lutz Corporation be responsible for damages of any nature whatsoever resulting in the use or reliance upon this information. No representations or warranties, either expressed or implied, of merchantability, fitness or a particular purpose or of any other nature are made hereunder with respect to information or the product to which this information refers.