



Attn: Safety Director

Safety Data Sheet

Section 1. – Product and Company Information-----

Product Name:	Select Lead Abate
Description:	Phosphate powder blend for heavy metal abatement
Chemical category:	Nuisance particle
Company:	Select Solutions, LLC
Mailing Address:	PO Box 200
City, State, Zip, Country:	Kings Park NY, U.S. 11754
Emergency Telephone:	1-516-848-9305
Technical Info	1-631-553-3382

Section 2. –Hazards Identification

Based on currently available data, this product does not contain any substance defined as a hazardous substance under the US OSHA 29 CFR 1910.1200 Hazard Communication Standard. However, good industrial hygiene practices should be used in handling it.

NFPA ratings:

Health=0 None

Fire=0 None

Instability=0 None

Prevention: Do not breathe dusts or mists

Potential Health Effects

Inhalation:

Acute: Exposure to dust may cause irritation. Nuisance dust may affect the respiratory tract but reactions are typically reversible

Chronic: Repeated and prolonged exposure to any dust particles may cause lung effects. There is no data available that describes an added chronic effect of the product beyond that of any solid particle.

Ingestion:

Acute: Ingestion of large quantities causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting, and diarrhea.

Chronic: There is no data to suggest chronic effects

Skin Contact:

Acute: Exposure to dust may cause mechanical irritation.

Chronic: There is no data to suggest chronic effects

Eye contact:

Acute: Direct contact with eyes may cause mechanical irritation and excessive concentrations may cause unpleasant deposits.

Chronic: There is no data to suggest chronic effects.

Section 3. Composition/Information of Ingredients-----

This product is not considered hazardous under the Hazard Communication Standard.

Primary Non-hazardous component:

Calcium phosphate

CAS #:12167-74-7

Formula (Approx.):

10CaO.3P₂O₅.H₂O. (MW 1004.69)

Appearance:

White, odorless, powder; stable in air

Section 4. – First Aid Measures-----

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes.

Eye Contact:

Immediately flush eyes with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

Notes to physician: All treatments should be based on observed signs and symptoms of distress in the patient.

Section 5. – Fire Fighting Measures-----

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Medium: Use any means suitable for extinguishing surrounding fire.

Special Information: In the event of fire, wear full protective clothing and NIOSH- approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Section 6. – Accidental Release Measures-----

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

Section 7. – Handling and Storage-----

Store in container provided in a dry, ventilated area. Protect against physical damage.

Observe all warnings and precautions listed for this product.

Section 8. – Exposure Controls/Personal Protection-----

Airborne Exposure Limits: 10mg/m³ TWA as “particulates not otherwise classified”

Personal Protection: Use product as intended in pods to limit exposure to nuisance dusts. In the event of excessive concentration of dusts, an N95 dust mask should be used.

Section 9. – Physical and Chemical Properties-----

Appearance:	Fine, white, odorless powder.
Odor/Odor threshold:	Odorless
pH of saturated slurry:	7.0 to 8.0
Melt point:	3038 F
Freeze/boil point:	not applicable
Flash point/flammability:	non flammable
Upper/lower explosive limit:	not applicable
Vapor pressure/density/viscosity:	not applicable
Solubility:	Practically insoluble in water (but dispersible)
Solid density:	Variable from 0.25 to 0.7 g/mL
Partition coefficient:	Not applicable
Autoignition:	Not applicable
Decomposition temperature	No data available

Section 10. – Stability and Reactivity-----

Reactivity:	None known
Stability:	Stable under ordinary conditions of use and storage.
Hazardous reactions:	None known
Conditions to avoid:	None known
Incompatibilities:	None known
Hazardous decomposition:	None known

Section 11. – Toxicological Information-----

Known Carcinogen:	No.
Anticipated Carcinogen:	No.
IARC Category:	None.
LD50 oral (rat)	> 25350mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg

Section 12. – Ecological Information-----

Ecotoxicity: All ingredient components are common food additives.

Aquatic: none known/no information found

Terrestrial: none known/ no information found

Persistence and biodegradability: No information found. Product is highly insoluble and consists of common minerals.

Bioaccumulation: No information found

Mobility: No information found. Product is highly insoluble with expected limited mobility

Section 13. – Disposal Considerations-----

Whatever cannot be saved for recovery or recycling should be disposed of at an approved and appropriate disposal facility. Dispose of waste containers in accordance with federal, state, and local requirements.

Section 14. – Transport Information-----

Not Regulated.

Section 15. – Regulatory Information-----

Chemical Weapons Convention:	No
TSCA 12 (b):	No
CDTA:	No
SARA 311/312	No
Fire:	No
Pressure:	No
Reactivity:	No

Section 16. – Other Information-----

Product Use: Heavy metal stabilization

Revision Date: January 2019

Disclaimer: The information herein is given in good faith but no warranty , expressed or implied, is made.