

ADDENDUM # 2

1. What does this material weigh loose per cubic yard?

The bulk density is variable, usually one Cubic Yard per ton after loading or track walked into a stockpile, but slightly less per loose cubic yard.

2. Can we inspect the material?

NRDP will allow you to inspect the material in existing stockpiles at Stucky Ridge. Inspecting the material in Billings will have to be coordinated with Western Sugar.

3. Does this material fall under a hazard class, and if so what I.D. # needs to be displayed to meet DOT requirements?

No.

4. Can you send me the MSDS?

Yes see below.

5. What are the time restrictions on loading, unloading, haul road and bunker watering?

There are no time restrictions on loading that NRD is aware of, but that will have to be coordinated with Western Sugar. There may be a conflict with having a Western Sugar employee available to run the scale house and sign scale tickets. Unloading operations are to be conducted during daylight hours on weekdays.

6. Is a water source available at the delivery site?

There is a source available off Highway 48 in the Opportunity Ponds Waste Management Area.

7. Can we use Western Sugars truck scale, and would there be any restrictions concerning times, operation, scale tickets?

There was a problem last year with having a certified scale operator on site before 6:00 a.m. The shipping contractor will have to work this out with Western Sugar.

8. Is there a maximum or minimum of tons available for loading per day?

Not that we are aware of. Western Sugar has confirmed that the material will be available.

9. Can JEM leave our loaders parked at the stockpile and lime bunker for the project duration?

Loader staging at Western Sugar will have to be coordinated with Western Sugar. You can leave your loader parked at the bunker locations during offloading.

10. Is the scale at Billings near the sugar beet plant?

Western Sugar has a scale at their facility. The shipping contractor will be required to coordinate with Western Sugar to use their scale.

11. What was the total contract price and total tons hauled for last year's work?

Last year's procurement was for 3,700 total tons. Actual tonnage delivered was 3,899 tons at \$34.26 per ton for a total of \$133,579.74. Last year's contract did not include the additional requirements to stockpile and wet the lime stockpiles.

12. How many net tons per truck load were hauled per last year's contract?

The trucks utilized per last year's contract were capable of hauling approximately 42 to 43 tons of sugar beet lime per truckload.

13. Do Montana Prevailing Wage Rates apply to this project?

Transportation of lime to the project site is not subject to standard prevailing rate of wages. With this response NRDP after further review, is retracting an earlier response which stated that prevailing wages do apply for this contract.

14. Does the Montana Department of Justice have a water right or an approved supply source?

The Montana Department of Justice has access to a water source adjacent to the Opportunity Ponds Waste Management Area located off Highway 48.

15. The language calls for 5,200 tons but the map shows 3,000 tons. Where does the other 2,200 tons get stockpiled?

The language in the request for price quotes is correct. A total of 5,200 tons will be delivered and stockpiled on site in three separate lime bunkers.

16. What is the moisture content of the sugar beet lime (precipitated calcium carbonate) and what is the bulk density?

The moisture content ranges from 15 to 20%. The bulk density is generally considered in the range of 75 lbs. per cubic foot or approximately one ton per cubic yard, but varies depending on how the material is handled. It will settle in the trucks and can be track walked into stockpiles to reduce the overall bulk density.

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)
PRECIPITATED CALCIUM CARBONATE (PCC)

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Western Sugar Cooperative	Emergency Telephone Number 303-830-3939
Address (Number, Street, City, State and ZIP Code) 7555 East Hampden Avenue, Suite 600	Telephone Number for Information 303-830-3939
Denver, CO 80231	Date Prepared October 18, 2007
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Calcium Carbonate				70-80
Magnesium Carbonate				Trace
Silica				Trace
Water				10-30

Section III—Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2.83
Vapor Pressure (mm Hg)	N/A	Melting Point	825°C
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Practically insoluble

Appearance and Odor

Off white to light gray, tannish colored powder; earthy odor

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A

Extinguishing Media Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures Wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards Toxic gases may be produced – carbon monoxide and carbon dioxide.

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	XXX	Strong acids
Incompatibility (<i>Materials to Avoid</i>) Strong acids			
Hazardous Decomposition or Byproducts Carbon monoxide and carbon dioxide			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XXX	
Section VI—Health Hazard Data			
Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>) Irritation of contact areas; sneezing, burning and redness			
Carcinogenicity	N/A	NTP?	IARC Monographs? OSHA Regulated?
Signs and Symptoms of Exposure Irritation of the nose and throat; irritation of the eyes, sneezing or gastrointestinal pain			
Medical Conditions Generally Aggravated by Exposure			
Emergency and First Aid Procedures Ingestion: large amounts of water – seek medical attention. Inhalation: move to fresh air. Eye & skin contact: Flush thoroughly with water; seek medical attention.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled Sweep or vacuum up spilled material and place in containers. Dispose in approved facility			
Waste Disposal Method Use approved facility; not classified as “toxic” or “hazardous”			
Precautions to Be Taken in Handling and Storing Material is dusty and consideration must be given to transportation and storage methods that minimize excessive dust			
Other Precautions			
Section VII—Control Measures			
Respiratory Protection (<i>Specify Type</i>) dust mask ¹			
Ventilation	Local Exhaust	Special	Dust collection for high levels
	Mechanical (<i>General</i>)	Other	
Protective Gloves	Rubber Gloves	Eye Protection	Safety goggles
Other Protective Clothing or Equipment			
Work/Hygienic Practices Wash with soap and warm water prior to eating, drinking, smoking or using restroom facilities. Safety shower and eyewash availability recommended.			