## TruLime (Standard, Mini Granule) Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

CECTION 4. Identification of the	
	bstance/mixture and of the company/undertaking
1.1. Product identifier	A Poster
Product form	: Mixture
Product name	: TruLime (Standard, Mini Granule)
Product code	: M77957
	ostance or mixture and uses advised against
1.3. Details of the supplier of the safet	y data sheet
JR Simplot Company P.O. Box 70013 Boise, ID 83707 T 1-208-336-2110	
1.4. Emergency telephone number	
Emergency number	: CHEMTREC 1-800-424-9300
<b>SECTION 2: Hazards identification</b>	
2.1. Classification of the substance or	mixture
GHS-US classification	
Eye Irrit. 2B H320 STOT SE 3 H335	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labelling	
	GHS07
Signal word (GHS-US)	: Warning
Hazard statements (GHS-US)	: H320 - Causes eye irritation H335 - May cause respiratory irritation
Precautionary statements (GHS-US)	<ul> <li>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray</li> <li>P264 - Wash thoroughly after handling</li> <li>P271 - Use only outdoors or in a well-ventilated area</li> <li>P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing</li> <li>P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</li> <li>P312 - Call a poison center/doctor/ if you feel unwell</li> <li>P337+P313 - If eye irritation persists: Get medical attention</li> <li>P403+P233 - Store in a well-ventilated place. Keep container tightly closed</li> <li>P405 - Store locked up</li> <li>P501 - Dispose of contents/container to in accordance with local/regional/national regulations</li> </ul>
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (GHS-US)	
Not applicable	
SECTION 3: Composition/informati	on on ingredients
3.1. Substance	
Not applicable	
3.2. Mixture	

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Name	Product identifier	%	GHS-US classification
Limestone*	(CAS No) Trade Secret	85 - 95	Not classified
CALCIUM LIGNOSULFONATE	(CAS No) 8061-52-7	1 - 2	Not classified

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of H-phrases: see section 16

Full text of H-phrases, see section 16	
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	<ul> <li>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.</li> </ul>
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effective states and effective symptoms and effective symptometry symptometry and symptometry	ffects, both acute and delayed
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.
4.3. Indication of any immediate med	lical attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	\$
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the	substance or mixture
No additional information available	
	. Les water spray et fog for cooling experied containers. Exercise soutien when fighting any
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release me	easures
6.1. Personal precautions, protective	equipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
612 For opportunity recorded	
6.1.2. For emergency responders	. Equip cleanup group with proper protection
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. No	otify authorities if liquid enters sewers or public waters.
6.3. Methods and material for contain	ment and cleaning up
Methods for cleaning up	: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away
	from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and perso	nal protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or
Freedutions for sale halfulling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well- ventilated area.

OSHA

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7.2.	.2. Conditions for safe storage, including any incompatibilities		
Storag	e conditions	: Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed.	
Incom	patible products	: Strong bases. Strong acids.	
Incom	batible materials	: Sources of ignition. Direct sunlight.	
7.3.	Specific end use(s)		
No od	No additional information evolution		

No additional information available

## **SECTION 8: Exposure controls/personal protection**

3.1. Control parameters			
TruLime (Standard	TruLime (Standard, Mini Granule)		
ACGIH	Not applicable		
OSHA	Not applicable		
Limestone			
ACGIH	Not applicable		
OSHA	Not applicable		
CALCIUM LIGNOS	CALCIUM LIGNOSULFONATE (8061-52-7)		
ACGIH	Not applicable		

8.2. Exposure control	S
Personal protective equipme	t : Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Pospiratory protection	· Wear appropriate mask

Respiratory protection : Wear appropriate mask.

Not applicable

Other information	:	Do not eat, drink or smoke during use.

## **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and c	hemical properties
Physical state	: Solid
Appearance	: Granule.
Colour	: light brown
Odour	: slight
Odour threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapour density at 20 °C	: No data available
Solubility	<ul> <li>Negligible.</li> <li>Water: Solubility in water of component(s) of the mixture :</li> <li>chalk: &lt; 0.1 g/100ml</li> </ul>
Log Pow	: No data available

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₋og Kow	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
/iscosity	: No data available	
/iscosity, kinematic	: No data available	
/iscosity, dynamic	: No data available	
0.2. Other information		
No additional information available		
SECTION 10: Stability and rea	ctivity	
I0.1. Reactivity		
No additional information available		
10.2. Chemical stability		
Stable.		
10.3. Possibility of hazardous re	Ictions	
Not established.		
10.4. Conditions to avoid		
Direct sunlight. Extremely high or low temperatures.		
10.5. Incompatible materials		
Strong acids. Strong bases.		
10.6. Hazardous decomposition	products	
calcium oxide. Carbon dioxide.		
SECTION 11: Toxicological ir	formation	
I1.1. Information on toxicologica		

Acute toxicity

: Not classified

Limestone		
LD50 oral rat	6450 mg/kg (Rat; Literature study)	
ATE US (oral)	6450.000 mg/kg bodyweight	
Skin corrosion/irritation	: Not classified.	
Serious eye damage/irritation	: Causes eye irritation.	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.	
Symptoms/injuries after inhalation	: May cause respiratory irritation.	
Symptoms/injuries after eye contact	: Causes eye irritation.	

## **SECTION 12: Ecological information**

12.1. Toxicity

No additional information available

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2.2. Persistence and degradability		
TruLime (Standard, Mini Granule)		
Persistence and degradability	Not established.	
Limestone		
Persistence and degradability	Biodegradability: not applicable.	
Biochemical oxygen demand (BOD)	Not applicable	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
CALCIUM LIGNOSULFONATE (8061-52-7)		
Persistence and degradability	Not established.	
2.3. Bioaccumulative potential		
TruLime (Standard, Mini Granule)		
Bioaccumulative potential	Not established.	
Limestone		
Bioaccumulative potential	No bioaccumulation data available.	
CALCIUM LIGNOSULFONATE (8061-52-7)		
Bioaccumulative potential	Not established.	
2.4. Mobility in soil		
lo additional information available		
2.5. Other adverse effects		
ffect on the global warming	: No known ecological damage caused by this product.	
ther information	: Avoid release to the environment.	
SECTION 13: Disposal consideration	ns	
3.1. Waste treatment methods		
Vaste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.	
cology - waste materials	: Avoid release to the environment.	
ECTION 14: Transport information		
Department of Transportation (DOT)		
n accordance with DOT		
lot regulated for transport		
dditional information		
Other information	: No supplementary information available.	
ADR		
No additional information available		
Fransport by sea		
No additional information available		
Air transport		
No additional information available		
ECTION 15: Regulatory informatio	n	
5.1. US Federal regulations		
5.1. US Federal regulations Limestone		

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## CALCIUM LIGNOSULFONATE (8061-52-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

CANADA No additional information available

**EU-Regulations** No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP] No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Not classified

National regulations

No additional information available

### 15.3. US State regulations

#### Limestone

U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16: Other information

Other information

: None.

#### Full text of H-phrases:

0/1			
	Eye Irrit. 2B	Serious eye damage/eye irritation, Category 2B	
	STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	
	H320	Causes eye irritation	
	H335	May cause respiratory irritation	

#### SDS US (GHS HazCom 2012)

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