SAFETY DATA SHEET
STAND

Revision: 06/01/2015

1. Product and Company Identification

Product Code: 00315
Product Name: STAND
Trade Name: STAND

Company Name: Stoller
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Suite 100
Houston, TX 77043

Phone Number: 1 (713)461-1493

Web site address: www.stollerusa.com
Email address: stoller@stollerusa.com
Emergency Contact: CHEMTREC, In the US and Canada call 1 (800)424-9300
CHEMTREC, From other countries call +1 (703)527-3887
Information: 1 (800)539-5283

Synonyms: Solution of urea and calcium salts.

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2B
Acute Toxicity: Skin, Category 5
Acute Toxicity: Oral, Category 5

GHS Signal Word: **Warning**

GHS Hazard Phrases:
H303 - May be harmful if swallowed.
H313 - May be harmful in contact with skin.
H320 - Causes eye irritation.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.

GHS Response Phrases:
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic): Acute: Depending on the duration of contact, overexposure can irritate the eyes, skin, mucous membranes and any other exposed tissue.

Chronic: Not known. Expected toxicity hazard: slight.

Inhalation: No hazard expected in normal industrial use. Material has a low vapor pressure at room temperature, so exposure to vapor is not likely.

Skin Contact: May cause discomfort, skin irritation or rash unless treated promptly.

Eye Contact: May cause redness, slight to severe irritation.

Ingestion: May cause malaise, nausea, burning sensation in stomach.

3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)	Concentration	RTECS #
57-13-6	Urea	<35.0 %	YR6250000
22691-02-7	Calcium chloride (CaCl2), hydrate	<30.0 %	EV9800000

4. First Aid Measures

Emergency and First Aid Procedures:	Victims of severe exposure to chemicals must be taken to health providing centers for medical attention. Always bring with victim a copy of label and SDS of product to health professional.
In Case of Inhalation:	Move patient to fresh air. Supplemental oxygen may be needed. Assure mucous does not obstruct airway. Seek medical attention if victim's breathing is difficult.
In Case of Skin Contact:	Wipe off product and immediately wash affected area with abundant soap and water. Remove contaminated clothing taking care not to impregnate eyes. Seek medical attention if irritation occurs.
In Case of Eye Contact:	Holding eyelids apart, immediately flush eyes with running water for at least 15 minutes. Seek medical attention if severe irritation occurs.
In Case of Ingestion:	Immediately contact a physician or poison control center for treatment advice. Victim should drink milk, egg whites or large quantities of water. DO NOT INDUCE VOMITING. Never give anything by mouth to someone who is unconscious, having convulsions, or unable to swallow.
Note to Physician:	Symptomatic treatment.

5. Fire Fighting Measures

Flash Pt:	N.A.
Explosive Limits:	LEL: N.A. UEL: N.A.
Autoignition Pt:	N.A.
Suitable Extinguishing Media:	Use all means adequate to fight surrounding fire: water, foam, CO2, dry chemicals, etc.
Fire Fighting Instructions:	None specific for this product, however, it is suggested that firefighters wear self-contained breathing apparatus (SCBA) and full protective equipment, such as chemical resistant clothing.
Flammable Properties and Hazards:	Toxic fumes under fire conditions such as NH3, NO, NO2, etc.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	In case of a large spill, clear the affected area and protect people. Such releases should be responded to by trained personnel using pre-planned procedures. In the event of an incidental release, minimum Personal Protective Equipment must be worn: latex or rubber gloves and boots, goggles or full face-shield and coveralls.
Steps To Be Taken In Case Material Is Released Or Spilled:	It is necessary to contain the spill into the smallest area possible by diking, scooping, shoveling, etc., and place liquid into an appropriate container, labeling it accordingly. If product is clean, use it as intended, following original label directions; should it get contaminated, salvage for proper disposal as waste. Absorb residual product onto dry carrier such as wood shavings, sand or any other absorbent material, and collect in covered, labeled containers and dispose of as dry waste in accordance with Federal, State and Local waste disposal regulations.

7. Handling and Storage

Precautions To Be Taken in Handling:	All personnel who handle this material should be trained to work with it safely. Avoid breathing vapors or mist; use in well-ventilated location.
Precautions To Be Taken in Storing:	Store in a cool, dry place away from food, feed, clothing materials and lving quarters. Whenever possible, place chemicals on secondary containers or diked area. Inspect all incoming containers before storage to ensure all are properly labeled and not damaged. Keep containers tightly closed when not in use.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-13-6	Urea	No data.	TLV: 10 mg/m³ /8 hr	No data.
22691-02-7	Calcium chloride (CaCl2), hydrate	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respirator protection is not normally required. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Wear a NIOSH/OSHA approved respirator if working conditions require doing so.

Eye Protection: Safety glasses should be worn in any type of operation with chemicals.

Protective Gloves: Protective gloves.

Other Protective Clothing: Long-sleeved shirt, long pants and protective shoes should be worn as a good safety practice.

Engineering Controls (Ventilation etc.): General ventilation is usually adequate. Local exhaust should be used if needed for safe, comfortable working conditions. An eye bath and washing facilities should be readily available.

Work/Hygienic/Maintenance Practices: As a general rule, do not eat, drink, smoke, and/or chew gum or tobacco when handling chemicals. Wash thoroughly after handling this product. Remove all dirty or contaminated clothing and wash it before reusing.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: Clear to light amber color.
Very slight characteristic odor.

pH: 7 - 9.0

Melting Point: N.A.

Boiling Point: > 212.00 F (100.0 C)

Flash Pt: N.A.

Evaporation Rate: Similar to water

Flammability (solid, gas): Product is non-flammable.

Explosive Limits: LEL: N.A. UEL: N.A.

Vapor Pressure (vs. Air or mm Hg): N.E.

Vapor Density (vs. Air = 1): Similar to water

Specific Gravity (Water = 1): 1.27 - 1.29

Density: 10.6 - 10.8 LB/GA

Solubility in Water: Soluble

Saturated Vapor Concentration: N.E.

Octanol/Water Partition Coefficient: N.E.

Percent Volatile: N.D.

Autoignition Pt: N.A.

Decomposition Temperature: N.E.

Viscosity: N.E.

Molecular Formula & Weight:	Proprietary 0.0

10. Stability and Reactivity

Reactivity:	Reactivity in water: N.A.
Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	Stable under normal conditions, but avoid contact with incompatible materials.
Incompatibility - Materials To Avoid:	Oxidizing agents.
Hazardous Decomposition or Byproducts:	Toxic fumes if mixed with incompatible materials. Toxic fumes under fire conditions such as NH3, NO, NO2, etc.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	None known.

11. Toxicological Information

Toxicological Information:	Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans. Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans. Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans. Reproductive Toxicity: The components of this product are not reported to produce toxic reproductive effects in humans. However, urea is being investigated as a reproductive effector.
Carcinogenicity/Other Information:	No component listed as a carcinogenic by CPDB, IARC, NTP, OSHA, CAL/OSHA, and ACGIH.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information:	The available data on this material does not indicate any undue hazard to the environment under anticipated use and storage. All work practices must be aimed at preventing environmental contamination. Any waste due to spillage or leakage should be contained and disposed of accordingly, see above under Section 6 "Accidental Release Measures." Due to its nutritional nature, may cause eutrophication if discharged in bodies of water.

13. Disposal Considerations

Waste Disposal Method:	Waste disposal must be done following all Federal, State and Local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated. Trade Name: STAND
DOT Hazard Class:
UN/NA Number:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated. Trade Name: STAND

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated. Trade Name: STAND

Additional Transport Information: Placards / Markings: N.A.

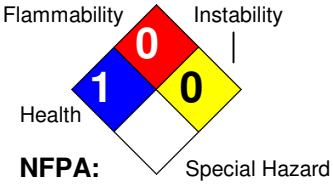
Emergency Response Guide Number: N.A.

15. Regulatory Information

16. Other Information

Revision Date: 06/01/2015

Hazard Rating System:



Additional Information About This Product: No data available.

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