

SAFETY DATA SHEET

Version 2.2
Date of Issue: 03/13/2015
Revision Date: 08/28/2018

Acticell[®] U

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Acticell[®] U

Chemical name: Urea (surface treated)

Use of substance/preparation: No specific information

Supplier: CelChem LLC
6519 Carema Lane
Naples, FL 34113 USA

Emergency telephone numbers: INFOTRAC 24 hour numbers:
USA & Canada: 1-800-535-5053
Mexico: 01-800-681-1530
Outside North America: +1-352-323-3500 (collect)

Contact Information: (239) 228-2285
Email: customerservice@celchemllc.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW SIGNAL WORD: WARNING!



DUST AND PROCESS FUMES MAY BE HARMFUL IF INHALED AND MAY CAUSE IRRITATION OF SKIN, EYES, NOSE AND THROAT.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
Urea CAS# 57-13-6	>95
Amorphous Silica CAS# 11945-52-5	≤5
Amorphous Silica CAS# 112946-00-8	≤5
Calcium Silicate CAS# 1344-95-2	≤5
Zinc Stearate CAS# 557-05-01	≤5
Magnesium Stearate CAS# 557-04-0	≤5
Calcium Stearate CAS# 1592-23-0	≤5
Hydro Treated Oil CAS# 64742-52-5	≤5

Acticell[®] U**4. FIRST AID MEASURES****Swallowing**

Do not induce vomiting. Rinse mouth with water. Obtain medical attention.

Inhalation

Remove to fresh air. Obtain medical attention if symptoms persist.

Skin contact

Wash skin with soap and water. No harmful effects expected.

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if discomfort persists.

5. FIRE-FIGHTING MEASURES**NFPA CLASSIFICATION**

Health: 0	Flammability: 3	Reactivity: 1	Special provisions: No data available.
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Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

Extinguishing media

Suitable:

- CO₂
- dry powder
- foam
- water fog

Unsuitable:

- water spray

Hazardous combustion products

Ammonia.
Oxides of carbon.
Oxides of nitrogen.
Hydrogen cyanide.

Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear.
Self-contained breathing apparatus.

Unusual fire and explosion hazards

Avoid dispersion of dust in air to reduce potential for dust ignition/explosions.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear suitable protective equipment. Do not breathe dust. Eliminate sources of ignition. Avoid contact with skin and eyes.

Environmental precautions

Prevent from entering sewer system, surface water or soil.

Methods for cleaning up

Avoid dispersion of dust.
Sweep up and collect in a suitable container for disposal.

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7. HANDLING AND STORAGE

HANDLING

Handling precautions

Normal precautions common to good safety practice should be followed in handling., Use with adequate ventilation., Avoid breathing dust., Keep container tightly closed., Keep away from sources of ignition - No smoking.

STORAGE

Storage requirements

Keep container tightly closed in a cool, well-ventilated place. Protect from heat. In case of occurrence of dust, risk of dust explosion.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

<u>Component</u>	<u>Country</u>	<u>Type</u>	<u>Value</u>	<u>Remark</u>
Inorganic Silicate		TLV-TWA, ACGIH	10 mg/m ³	Inhalable (total) particulate matter containing no asbestos and <1% crystalline silica.
		PEL, OSHA	5 mg/m ³	Respirable fraction
		PEL, OSHA	15 mg/m ³	Total dust
Fatty acid, calcium salt	USA	TWA, OSHA	15 mg/m ³	Respirable fraction TWA-PEL, OSHA

ENGINEERING CONTROLS

Ventilation

General mechanical room ventilation is satisfactory for normal handling and storage operations.

PERSONAL PROTECTION

Respiratory protection

Dust respirator, if dusting conditions exist.

Hand protection / protective gloves

Chemical resistant protective gloves

Eye protection

Safety glasses with side shields.

Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Powder
Color	White
Odor	Slight
Odor threshold	Not available
pH	Not available

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Melting Point	271°F Decomposes
Freezing Point	Not applicable
Initial Boiling Point/Boiling Range	Not applicable
Flash Point	Decomposes
Flammability Limits	Upper: Not available Lower: Not available
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Density (Specific Gravity)	1.3 g/cm ³
Solubility in water	Partially soluble
Solubility in organic solvents	No data available
Partitioning Coefficient	Not available
Auto ignition Temperature	Not available
Decomposition Temperature	271°F
Viscosity	Not applicable

10. STABILITY AND REACTIVITY

Reactivity - Conditions to avoid:

Strong oxidizing agents.

Chemical Stability: Stable under normal conditions.

Hazardous combustion products:

Ammonia.
Oxides of carbon.
Oxides of nitrogen.
Hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

SWALLOWING

Test results

Acute toxicity: LD50 Rat
Result: 14,700 mg/kg

MUTAGENICITY

Assessment: Ames-test: no mutagenic effect

Acticell[®] U**12. ECOLOGICAL INFORMATION**

No information available.

13. DISPOSAL CONSIDERATIONS

General: Dispose of in accordance with appropriate Federal, State, and local regulations. Avoid discharge to sewers and natural waters.

Refer to Section 8: Exposure Controls/Personal Protection

14. TRANSPORT INFORMATION**DOT Classification**

This product is not regulated by DOT.

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Massachusetts Right-To-Know Substance List (MSL)--Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Chemical name	CAS#	Max weight %
Calcium Silicate	1344-95-2	5.00

Pennsylvania Right-To-Know Hazardous Substance List--Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Chemical name	CAS#	Max weight %
Calcium Silicate	1344-95-2	5.00

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New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name	CAS#	New Jersey TS Number
Urea	57-13-6	
Distillates (petroleum), hydro treated heavy naphthenic	64742-52-5	5.00
Calcium Silicate	1344-95-2	5.00

EPA Hazard Categories (SARA 311, 312): None

CHEMICAL INVENTORY

<u>Canada:</u>	The ingredients of this product are on the DSL.
<u>Europe:</u>	The ingredients of this mixture are on the EINECS inventory.
<u>United States:</u>	This product is on the TSCA inventory.
<u>Australia:</u>	This product is on the AICS inventory.
<u>China:</u>	This product is on the IECSC Inventory.
<u>Korea:</u>	This product is listed on the Existing Chemicals List (ECL).
<u>Philippines:</u>	This product is on the PICCS.

Food additive
No data available.

Food contact
No data available.

Cosmetics
No data available.

Pharmaceuticals
No data available.

16. OTHER INFORMATION

HMIS RATING

Health: 2	Flammability: 1	Reactivity: 1	PPI: X
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STP	Standard temperature and pressure
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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