



Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lincocide™ DU
Chemical name: Diazolidinyl Urea
Supplier Information : McKinley Resources
P.O. Box 810472
Dallas, TX 75381
(972) 620-9730 business (972) 421.1860 fax
info@mckinleyresources.com www.mckinleyresources.com

Emergency Contact: Chemtrec
800-424-9300

2. COMPOSITION (CTFA / INCI) / INFORMATION ON INGREDIENTS

CTFA / INCI-Name	CAS-No.	EINECS-No.
Diazolidinyl Urea	78491-02-8	278-928-2

3. POSSIBLE HAZARDS

Critical hazards to man and the environment:
The product is a cosmetic ingredient and may be classified as not dangerous, if correctly handled.

4. FIRST AID MEASURES

General advice: Remove contaminated clothes. If necessary consult a physician.
Skin: Wash thoroughly with soap and water.
Eyes: Rinse 15 minutes with eyelids wide apart under running water. If irritation persists consult a physician.
Ingestion: Rinse mouth and consult a physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, carbon dioxide, foam, dry powder.
Not suitable extinguishing media: None
Special hazards: None
Special protective equipment: If necessary, wear a self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special measures necessary.
Environmental precautions: Prevent from draining into sewerage.
Methods for cleaning up: Pick up by mechanical means and dispose of according to the local authority regulations.

7. HANDLING AND STORAGE

Handling: The usual precautions for the handling of chemicals must be observed.
Protection against fire and explosion: Keep away from ignition sources.
Storage: Keep container tightly sealed and protected from heat, moisture and light.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Technical protective measures:
See point 7

Components with workplace control parameters:
None

Personal protective equipment:
Eye protection: Safety glasses
Respiratory protection: Not necessary
Hand protection: Protective gloves
Body protection: Ordinary working clothes

General safety and hygiene measures:
The usual precautions for the handling of chemicals must be observed.

9. PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATIONS
Appearance	Powder or granular
Color	White
Odor	Mild typical
Nitrogen %	19.0% - 21.0%
pH (1% water solution)	6.0 – 7.5
Loss on drying %	3.0% max.
Sulphated ash	3.0% max.
Heavy metals (Pb) ppm	Less than 10 ppm

10. STABILITY AND REACTIVITY

Stability: Stable if handled and stored according to recommended handling and storage procedures.
Hazardous decomposition products: No decomposition in normal use.

11. TOXICOLOGICAL INFORMATION

(JOURNAL OF THE AMERICAN COLLEGE OF TOXICOLOGY; Volume 9, Number 2, 1990)

LD50 rat, oral: 2600 mg/kg (OECD 401)
LD50 mouse, oral: 3700 mg/kg (OECD 401)
Subchron. Toxicity rat, oral: non toxic (90 days with a dose of 100 mg/kg/day)
Subchron. Toxicity rat dermal: no systemic toxic effects (0.2 %)
Ocular Irritation (rabbit): no irritation (5 % solution)
Dermal Irritation (rabbit): no irritation (1 %; 5% , 24 h; 48 h)
Sensitization (guinea pig): not sensitizing (0.1% Landsteiner-Jacobs procedure)
Mutagenity (salmonella): non mutagenic



12. ECOLOGICAL INFORMATION

Elimination information:

Procedure:	OECD 301 D
Analytical method:	Oxygen determination according to Winkler
Degradability:	52 %
Evaluation:	Readily biodegradable

Reaction in sewage treatment plant:

On appropriate discharging in adapted sewage treatment plants there is no disturbance to be expected with regard to the degradation activity of the activated sludge.

Further ecological information:

Do not discharge product into natural waters without pre-treatment (biological treatment plant).

13. DISPOSAL CONSIDERATIONS

Product: Dispose of considering the local authority regulations, e.g. suitable incineration.

Container: Can be recycled / reused after proper cleaning.

14. TRANSPORT INFORMATION

Transport regulation: Not classified as hazardous

Measure after spillage / leakage: See point 6

15. REGULATORY INFORMATION

Labeling according to EEC Directives:

Hazard symbol: Xi irritating

Classification: according to EC

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.