



Material Safety Data Sheet

Version 3.0

Revision Date: 04/01/2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Diglycyl-lysine antibody (clone GX41)
Product Number : 30 – 0100/30 – 1000
Product Use : For laboratory research purpose
Supplier : Lucerna, Inc.
760 Parkside Avenue
Suite 327C
Brooklyn, NY 11226
USA
Manufacturer : Lucerna, Inc.
760 Parkside Avenue
Suite 327C
Brooklyn, NY 11226
USA
Telephone : +1 855-582-3762
Fax : +1 646-792-4724
Emergency Phone : (646) 504-5697 (For both supplier and manufacturer)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Dry powder containing sodium chloride and disodium hydrogenorthophosphate
Synonyms : None
Formula : N/A
Molecular Weight : N/A
CAS Number : N/A
CAS Name : N/A

3. HAZARDS IDENTIFICATION

Emergency Overview

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OSHA Hazards : No known OSHA hazards

HMIS Classification

Health Hazard : 1
Flammability : 0
Physical hazards : 0

NFPA Rating

Health Hazard : 1
Fire : 0
Reactivity Hazard : 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

4. FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash Point : No data available
Ignition Temperature : No data available

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

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Wear self-contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid dust formation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Provide appropriate exhaust ventilation at places where dust is formed.

Storage

Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: -20 °C

Hygroscopic. Keep in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|-------|---------------------|
| Form | Powder, lyophilized |
| Color | White |
| Odor | Odorless |

Safety data

| | |
|-----------------------|-------------------|
| pH | No data available |
| Melting point | No data available |
| Boiling point | No data available |
| Flash point | No data available |
| Ignition temperature | No data available |
| Lower explosion limit | No data available |
| Upper explosion limit | No data available |
| Solubility | Soluble |

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Conditions to avoid

Avoid moisture.

Materials to avoid

Strong oxidizing agents, strong acids

Hazardous decomposition products

Other decomposition products – no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

Irritation and corrosion

No data available

Sensitization

No data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

12. ECOLOGICAL INFORMATION**Persistence and degradability**

No data available

Ecotoxicity effects

No data available

Further information on ecology

No data available

13. DISPOSAL CONSIDERATIONS**Product**

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

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DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**OSHA Hazards**

No known OSHA hazards

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

Disodium hydrogenorthophosphate

CAS-No. 7558-79-4

Pennsylvania Right To Know Components

Disodium hydrogenorthophosphate

CAS-No. 7558-79-4

Sodium chloride

CAS-No. 7647-14-5

New Jersey Right To Know Components

Disodium hydrogenorthophosphate

CAS-No. 7558-79-4

Sodium chloride

CAS-No. 7647-14-5

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION**Further information**

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