



Safety Data Sheet dated 6/27/2018, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: UriSponge™

Urine Collection, Transport and Preservation System. Mini size - in bulk

Other means of identification:

Trade code: 8C022S100.A

Recommended use of the chemical and restrictions on use

Recommended use:

Restrictions on use:

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

COPAN ITALIA SPA

VIA PEROTTI, 10 – 25125 BRESCIA

Phone : +39 0302687211

Competent person responsible for the safety data sheet:

msds@copangroup.com

Legal Manufacturer:

Copan Italia SpA - Italia

Phone : +39 0302687211

Phone : +390266101029 (Centro antiveneni Niguarda ca' Grande - Milano)

Phone : +390881732326 (Az. Osp. Univ. - Foggia)

Phone : +390817472870 (Az. Osp. " A. Caldarelli " Napoli)

Phone : +390649978000 (Policlinico "Umberto I " Roma)

Phone : +39063054343 (Policlinico "A. Gemelli" Roma)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

 Danger, Repr. 1B, May damage fertility or the unborn child.

Label elements

Hazard pictograms:



Danger

Hazard statements:

H360 May damage fertility or the unborn child.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

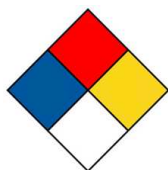
None

Ingredient(s) with unknown acute toxicity:

None.

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Additional classification information
NFPA rating:



HMIS rating:

| | | |
|---------------------|---|--|
| HEALTH | * | |
| FLAMMABILITY | | |
| PHYSICAL HAZARD | | |
| PERSONAL PROTECTION | | |

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances


N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

$\geq 0.25\%$ - $< 0.5\%$ ACIDO BORICO

REACH No.: 01-2119486683-25-xxxx, Index number: 005-007-00-2, CAS: 10043-35-3, EC: 233-139-2

 A.7/1B Unst. Expl.

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature:

Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

ACIDO BORICO - CAS: 10043-35-3

- OEL Type: ACGIH - TWA(8h): 2 mg/m³ - STEL: 6 mg/m³ - Notes: (I), A4 - URT irr

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

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ACIDO BORICO - CAS: 10043-35-3

Target: Fresh Water - Value: 1.35 mg/l

Target: Marine water - Value: 1.35 mg/l

Target: Freshwater sediments - Value: 1.8 mg/kg

Target: Marine water sediments - Value: 1.8 mg/kg

Target: Rilasci saltuari - Value: 9.1 mg/l

Target: Microorganisms in sewage treatments - Value: 1.75 mg/l

Target: Suolo - Value: 5.4 mg/kg

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------|
| Appearance and colour: | N.A. |
| Odour: | N.A. |
| Odour threshold: | N.A. |
| pH: | N.A. |
| Melting point / freezing point: | N.A. |
| Initial boiling point and boiling range: | N.A. |
| Solid/gas flammability: | N.A. |
| Upper/lower flammability or explosive limits: | N.A. |
| Vapour density: | N.A. |
| Flash point: | N.A. ° F |
| Evaporation rate: | N.A. |
| Vapour pressure: | N.A. |
| Relative density: | N.A. |
| Solubility in water: | N.A. |
| Solubility in oil: | N.A. |
| Partition coefficient (n-octanol/water): | N.A. |
| Auto-ignition temperature: | N.A. |
| Decomposition temperature: | N.A. |
| Viscosity: | N.A. |
| Miscibility: | N.A. |
| Fat Solubility: | N.A. |
| Conductivity: | N.A. |
| Substance Groups relevant properties | N.A. |

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

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Hazardous decomposition products
None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

UriSponge™

Urine Collection, Transport and Preservation System. Mini size - in bulk

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

The product is classified: Repr. 1B H360

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

ACIDO BORICO - CAS: 10043-35-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2660 mg/kg

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

None.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

None.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

UriSponge™

Urine Collection, Transport and Preservation System. Mini size - in bulk

Not classified for environmental hazards

Based on available data, the classification criteria are not met

ACIDO BORICO - CAS: 10043-35-3

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- a) Aquatic acute toxicity:
 - Endpoint: LC50 - Species: *Ptychocheilus lucius* = 279 mg/l - Duration h: 96
 - Endpoint: LC50 - Species: *Lepomis macrochirus* > 1021 mg/l - Duration h: 96
- c) Bacteria toxicity:
 - Endpoint: LC50 - Species: *Daphnia* = 53.2 mg/l - Duration h: 504
 - Endpoint: EC50 - Species: *Daphnia* = 133 mg/l - Duration h: 48
- Persistence and degradability
N.A.
- Bioaccumulative potential
N.A.
- Mobility in soil
N.A.
- Other adverse effects
None

13. DISPOSAL CONSIDERATIONS

- Waste treatment and disposal methods
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

- UN number
Not classified as dangerous in the meaning of transport regulations.
- UN proper shipping name
N.A.
- Transport hazard class(es)
N.A.
- Packing group
N.A.
- Environmental hazards
 - ADR-Environmental Pollutant: No
 - IMDG-Marine pollutant: No
- Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
N.A.
- Special precautions
N.A.

15. REGULATORY INFORMATION

- USA - Federal regulations
 - TSCA - Toxic Substances Control Act
 - TSCA inventory: all the components are listed on the TSCA inventory.
 - TSCA listed substances:
 - ACIDO BORICO is listed in TSCA Section 8b.
 - SARA - Superfund Amendments and Reauthorization Act
 - Section 302 - Extremely Hazardous Substances: no substances listed.
 - Section 304 - Hazardous substances: no substances listed.
 - Section 313 - Toxic chemical list: no substances listed.
 - CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
 - No substances listed.
 - CAA - Clean Air Act
 - CAA listed substances:
 - None.
 - CWA - Clean Water Act
 - CWA listed substances:
 - None.

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USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:
None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:
No substances listed.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:
No substances listed.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
No substances listed.

16. OTHER INFORMATION

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Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

| | |
|-----------|--|
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| CAS: | Chemical Abstracts Service (division of the American Chemical Society). |
| CLP: | Classification, Labeling, Packaging. |
| DNEL: | Derived No Effect Level. |
| EINECS: | European Inventory of Existing Commercial Chemical Substances. |
| GHS: | Globally Harmonized System of Classification and Labeling of Chemicals. |
| HMIS: | Hazardous Materials Identification System |
| IARC: | International Agency for Research on Cancer |
| IATA: | International Air Transport Association. |
| IATA-DGR: | Dangerous Goods Regulation by the "International Air Transport Association" (IATA). |
| ICAO: | International Civil Aviation Organization. |
| ICAO-TI: | Technical Instructions by the "International Civil Aviation Organization" (ICAO). |
| IMDG: | International Maritime Code for Dangerous Goods. |
| INCI: | International Nomenclature of Cosmetic Ingredients. |
| KSt: | Explosion coefficient. |
| LC50: | Lethal concentration, for 50 percent of test population. |
| LD50: | Lethal dose, for 50 percent of test population. |
| NFPA: | National Fire Protection Association |
| NIOSH: | National Institute for Occupational Safety and Health |
| NTP: | National Toxicology Program |
| OSHA: | Occupational Safety and Health Administration. |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |
| TLV: | Threshold Limiting Value. |
| TWA: | Time-weighted average |