

SAFETY DATA SHEET



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

NU-BIO CAL CONCENTRATE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name NU-BIO CAL
Product code ISEU-015-00

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses All Surface Cleaner and Calcium remover for floors and carpets
Uses advised against Not available

1.3. Details of the supplier of the safety data sheet

Name Innu-Science
Address 44 Burners Lane, Kiln Farm,
Milton Keynes, MK11 3HD, ENGLAND
Telephone +44 (0) 203 239 8317
Telefax +44 (0) 845 8623317
Contact email uk@innuscience.com

1.4. Emergency telephone number

Telephone United Kingdom : NHS Direct: +44 0845 4647

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2. Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Danger symbol



Signal word **Warning**

Hazard statements (H) H319 Causes serious eye irritation.

Additional label element

Prevention statements P280 Wear eye protection.
P264 Wash hands thoroughly after handling.

Response statements P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical attention.

Storage statements None

Disposal statements None

2.3. Other hazards

Not available



SECTION 3 : Composition/information on ingredients

| Name | (%) | Classification | Specific concentration limits |
|--|-------------|------------------|-------------------------------|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts CAS N °: 61789-40-0 EC N °: 263-058-8 IDX Nr.: | 1% ≤ C ≤ 3% | Eye Dam. 1: H318 | - |

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4 : First aid measures**4.1. Description of first aid measures**

| | |
|--------------------------|--|
| General information | If you feel unwell, get medical attention. |
| Following inhalation | Move victim to fresh air. Get medical attention if you feel unwell. |
| Following skin contact | Wash with plenty of soap and water. If skin irritation occurs, get medical attention. |
| Following eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. |
| Following ingestion | Get medical attention if you feel unwell. |
| For emergency responders | No data available |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|----------|-------------------|
| Symptoms | No data available |
| Effects | No data available |

4.3. Indication of any immediate medical attention and special treatment needed

Treat according to symptoms.

SECTION 5 : Firefighting measures**5.1. Extinguishing media**

Appropriated : foam, carbon dioxide, chemical powder

Inappropriated : No data available

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

In case of fire: Wear appropriate apparatus of breathing and protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate unprotected persons from the danger area.



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Use required personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Clean contaminated sites immediately.

6.4. Reference to other sections

Refer to sections: 7 safe handling, 8 for personal protective equipments, 13 for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes.
Use required personal protective equipment.
Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

No data available

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with critical values that require monitoring at the workplace (DE)

| Substance | VME, 8 hours (France) | | VLE, 15 minutes (France) | | VME, 8 hours (United Kingdom) | | VLE, 15 minutes (United Kingdom) | |
|-----------|--------------------------|--------------------|-----------------------------|--------------------|----------------------------------|--------------------|-------------------------------------|--------------------|
| | ppm | mg.m ⁻³ | ppm | mg.m ⁻³ | ppm | mg.m ⁻³ | ppm | mg.m ⁻³ |

8.2. Exposure controls



Appropriate engineering controls

Local exhaust ventilation may be necessary to prevent airborne contaminants exceed their exposure limits.

Eye/face protection : Appropriate safety glasses.

Skin/hand protection : No hand protection is required in general. Wash hands thoroughly after handling.

Respiratory protection : No respiratory protection is required in general.

Thermal hazards : No data available

Hygiene measures : Do not drink, eat or smoke near the product. Wash hands before and after handling.

Environmental exposure controls

Avoid release to the environment



SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|--|-------------------------|
| Physical state | Liquid |
| Color | Colorless |
| Odour | Fresh |
| Odor threshold | No data available |
| pH | 7.2 – 7.9 |
| Melting / Freezing point | No data available |
| Boiling point | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability | No data available |
| Lower limit of flammability or explosive | No data available |
| Upper limit of flammability or explosive | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 1.15 – 1.25 |
| Water solubility | Easily soluble in water |
| Solubility in other Solvents | No data available |
| Log Kow | No data available |
| Auto-inflammability temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | < 10 cP |
| Explosive properties | No data available |
| Oxidizing properties | No data available |

9.2. Other information

| | |
|---------------------|----------|
| Cinematic viscosity | < 10 cSt |
|---------------------|----------|

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available

10.2. Chemical stability

The colour of the product may change with time, but with no impact on performance.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Avoid heat and the direct sunlight.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous reactions will not occur.

SECTION 11: Toxicological information

| | |
|----------------|---|
| Acute toxicity | Not classified |
| | LD50 > 5000 mg/Kg (oral/rat) (calculated) |



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| | |
|----------------------------|--|
| | LD50 > 5000 mg/Kg (dermal/rat) (calculated) |
| Skin corrosion | Not classified (the classification criteria are not met) |
| Eye damage | Causes serious eye irritation |
| Respiratory sensitisation | Not classified (the classification criteria are not met) |
| Germ cell mutagenicity | Not classified (the classification criteria are not met) |
| Carcinogenicity | Not classified (the classification criteria are not met) |
| Toxic for reproduction | Not classified (the classification criteria are not met) |
| Unique specific toxicity | Not classified (the classification criteria are not met) |
| Repeated specific toxicity | Not classified (the classification criteria are not met) |
| Aspiration hazard | Not classified (the classification criteria are not met) |
| Other information | Practical experience: None General information: The classification was made according to the assessment procedure for preparations. |

SECTION 12: Ecological information

| | |
|---|--|
| 12.1. Toxicity | Acute toxicity, LC50 (calculated): 10 – 100 mg/l |
| 12.2. Persistence and degradability | The organic ingredients are readily biodegradable according to the OECD 301 methods. |
| 12.3. Bioaccumulative potential | Not available |
| 12.4. Mobility in soil | Not available |
| 12.5. Results of PBT and vPvB assessment | Not available |
| 12.6. Other adverse effects | Not available |

SECTION 13: Disposal considerations

| | |
|--|--|
| 13.1. Waste treatment methods | Dispose in accordance with local and national regulations. |
| 13.2. Waste code numbers/Waste identification | No data available |

SECTION 14: Transport information

Not regulated for IATA, IMDG, ADR and DOT.



SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulation :** CN : China IECSC 2013

| Substance | CAS | EC |
|--|------------|-----------|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | 263-058-8 |

Regulation : CA : Domestic Substances List (DSL)

| Substance | CAS | EC |
|--|------------|-----------|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | 263-058-8 |

Regulation : US : Toxic Substances Control Act Inventory List (TSCA)

| Substance | CAS | EC |
|--|------------|-----------|
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | 263-058-8 |

15.2. Chemical safety assessment

No data available

SECTION 16: Other information**16.1. Indication of changes (Additions, Deletions, Revisions)**

Creation date: 14/08/15

Revision date: 23/08/16

Indication on changes: The details of the supplier (section 1.3) and toxicological information (section 11).

16.2. Key or legend to abbreviations and acronyms

ADN / ADN: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR / RID: European Agreement concerning the international carriage of dangerous goods by road / Regulations concerning the international carriage of dangerous goods by rail.

Chemical Abstract Service Number: CAS

CLP: Classification, Label, Package

VOC: Volatile Organic Compounds

DSD: Dangerous Substances Directive

DPD: Dangerous Preparations Directive

N°EC: European Commission Number

PPE: Personal Protective Equipment

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods code

PBT: Persistent, bioaccumulative, toxic

UN: UN Number

UVCB: Substances of Unknown or Variable composition, Complex reaction products or Biological materials

vPvB: Very Persistent, very Bioaccumulative

16.3. Key literature references and sources for data

No data available

16.4. Procedure used to derive the classification according to regulation (EC) n°1272/2008 (CLP)

Classification of the mixture is consistent with the method of valuation of Directive 1272/2008/EC

16.5. List of relevant hazard statements and/or precautionary statements. (Full text of any statements which are not written out in full under section 2 to 15)Hazard statements (H):

H318: Causes serious eye damage.



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16.6. Advice on any training appropriate for workers to ensure protection of human health and the environment

No data available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.

