

## INO BIO 12 CONCENTRATE

## SECTION 1: IDENTIFICATION

<b>Product name</b>	<b>INO BIO 12 CONCENTRATE</b>
<b>Product codes</b>	16448
<b>Uses</b>	Calcium remover cleaner
<b>Restricted use</b>	Not available
<b>Supplier</b>	INO SOLUTIONS 9280 Boul Du Golf Anjou, Québec, H1J 3A1 1-888-466-7658
<b>Emergency telephone number</b>	Canutec - 24 hours emergency contact no 613-996-6666 Quebec Centre antipoison (24 h service) Quebec: (418) 656-8090 Other regions: (800) 463-5060

## SECTION 2: HAZARDS IDENTIFICATION

## Product classification

GHS Classification in accordance with the Hazardous Products Regulations (HPR)

Serious eye damage/eye irritation Category 2A



## Hazards pictograms

## Signal word

**WARNING**

## Hazards

Causes serious eye irritation

## Precautionary statements

## Prevention

Wear eye protection  
Wash hands thoroughly after handling

## Response

IF IN EYES: 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.

## Storage

None

## Disposal

None

## Other hazards

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS number	(%) (w/w)
Cocamidopropyl Betaine	61789-40-0	1 - 3

## SECTION 4: FIRST AID MEASURES

**Inhalation:** Move to fresh air. Get medical attention if you feel unwell.

**Skin contact:** Wash thoroughly with soap and water. In case of skin irritation: Get medical attention

**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.

**Ingestion:** Rinse mouth. Call a POISON CENTER or a doctor if you feel unwell.

**Most important symptoms and effects**

**Symptoms:** No data available

**Effects:** No data available

**Indication of any immediate medical attention and special treatment needed:** Treat according to symptoms.

## SECTION 5: FIREFIGHTING MEASURES

**Suitable extinguishing media:** This product is not combustible. In case of fire, use extinguishing media appropriate to surrounding fire conditions.

**Unsuitable extinguishing media:** No data available

**Special hazards arising from the product:** No data available

**Hazardous combustion products:** No hazardous decomposition products known.

**Advice for firefighters:** Wear appropriate apparatus of breathing and protective clothing

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Wear appropriate personal protective equipment for cleaning (gloves and safety glasses).

**Methods and material for containment and cleaning up:** Clean contaminated sites immediately. Avoid release into the environment.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with eyes. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

**Conditions for safe storage:** Store in a cool place.

**Incompatibilities:** Keep away from incompatible materials described in Section 10.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

Occupational exposure limit values: Not applicable

**Appropriate engineering controls:** Not applicable

**Personal protection measures**



**Respiratory protection:** Respiratory protection is not required in general.

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

**Eye:** Wear safety eyewear.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless liquid

In accordance with the Hazardous Products Regulations (HPR)

**Odour:** Herbal  
**Odor threshold:** No data available  
**pH:** 7.5 - 7.9  
**Melting / Freezing point:** No data available  
**Boiling point:** No data available  
**Flash point:** No data available  
**Evaporation rate:** No data available  
**Flammability:** Not applicable  
**Lower limit of flammability or explosive:** Not applicable  
**Upper limit of flammability or explosive:** Not applicable  
**Vapour pressure:** No data available  
**Vapour density:** No data available  
**Relative density:** 1.05 - 1.10  
**Water solubility:** Easily soluble in water  
**Log Kow:** No data available  
**Auto-inflammability temperature:** No data available  
**Decomposition temperature:** No data available  
**Cinematic viscosity:** < 10 cSt

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Unknown  
**Chemical stability:** The colour of the product may change with time, but with no impact on performance.  
**Possibility of hazardous reactions:** None under normal processing.  
**Conditions to avoid:** Avoid heat and the direct sunlight to preserve the quality of the product.  
**Incompatible materials:** Not applicable  
**Hazardous decomposition products:** No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Possible routes of exposure:** Ingestion - Contact with skin and eyes.  
**Acute toxicity:** Not classified (the classification criteria are not met).  
LD50 > 5000 mg/Kg (oral/rat) (calculated)  
LD50 > 5000 mg/Kg (dermal/rat) (calculated)  
**Skin corrosion/irritation:** Not classified (the classification criteria are not met).  
**Serious eye damage/eye irritation:** Classified as irritant according to the OECD method 405.  
**Respiratory or skin sensitization:** Not classified (the classification criteria are not met).  
**Specific target organ systemic toxicity:** Not classified (the classification criteria are not met).  
**Carcinogenicity:** Not classified (the classification criteria are not met).  
**Toxicity for reproduction:** Not classified (the classification criteria are not met).  
**Germ cell mutagenicity:** Not classified (the classification criteria are not met).

## SECTION 12: ECOLOGICAL INFORMATION

**Aquatic ecotoxicology:** Aquatic toxicity, LC50 (calculated): 10 - 100 mg/l  
**Terrestrial ecotoxicology:** No data available  
**Persistence and degradability:** The organic ingredients are readily biodegradable according to the OECD 301 methods.  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects:** No data available

In accordance with the Hazardous Products Regulations (HPR)

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Dispose of contents or containers in accordance with the regional office of the environmental authority with jurisdiction.

## SECTION 14: TRANSPORT INFORMATION

The product is not regulated for IATA, IMDG, ADR and DOT.

## SECTION 15: REGULATORY INFORMATION

The product classification and the Safety Data Sheet have been developed in accordance with the HPR.

## SECTION 16: OTHER INFORMATION

**Created by:** Innu-Science Canada Inc. 1777, rue Nobel, suite F, Sainte-Julie (Quebec), J3E 1Z6

**Telephone :** 450-922-4666

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