

INO BIO 9 CONCENTRATE

SECTION 1: IDENTIFICATION

Product name	INO BIO 9 CONCENTRATE
Product codes	15510
Uses	Biotechnological agri degreaser
Restricted use	Not available
Supplier	INO SOLUTIONS 9280 Boul Du Golf Anjou, Québec, H1J 3A1 1-888-466-7658
Emergency telephone number	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 2B

Hazards pictograms	None
Signal word	WARNING
Hazards	Causes eye irritation
Precautionary statements	
Prevention	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)
Alcohols, C9-11, ethoxylated	68439-46-3	5 - 10
Sodium (C14-16) olefin sulfonate	68439-57-6	1 - 5

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. 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: No eye protection is required in general.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid

Odour: Odorless

Odor threshold: Not applicable

pH: 7.2 - 7.7

Melting / Freezing point: No data available

Boiling point: No data available

Flash point: No data available

In accordance with the Hazardous Products Regulations (HPR)

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: 1.01 - 1.03
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: Stable under normal conditions of use and storage.
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

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.

In accordance with the Hazardous Products Regulations (HPR)

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

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