

PRODUCT INFORMATION BROCHURE

Concentrated Liquid Multi-Mineral Complex Additive

A Nirvanam Group Product

FOR B2B INDUSTRIAL USE ONLY



Imported & Marketed by:
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ORIGIN & FORMULATION

What is IoMin Complex-106

IoMin Complex 106 is a concentrated liquid multi-mineral additive derived from the inland seawater of the Great Salt Lake, Utah (USA), and naturally concentrated by using a natural solar evaporation process to produce the final product.

It is rich in magnesium and other essential trace minerals, providing a stable and functional ingredient suitable for fortification of various applications of food, beverage, nutraceutical, personal care, and water.

This ingredient is designed to enhance formulation and fortification, contributing to improved mineral profile, taste balance, and product consistency in the final formulation.

The product is a food-grade mineral fortificant compliant with the FSS (Health Supplements, Nutraceuticals, Food for Special Dietary Use, Functional Food and Novel Food) Regulations, 2016 and FSS (Fortification of Foods) Regulations, 2018, suitable for fortification and enrichment across multiple industries.

COMPOSITION

Ingredients / Compositions



Source

Concentrated Inland Sea Water
(Great Salt Lake, Utah, USA)



Primary Component

Magnesium (major mineral)



Other Components

Naturally occurring trace and ultra-trace elements including calcium, potassium, sodium, sulfate, boron, zinc, iron, manganese, and others (in ionic form)



No additives, preservatives, or synthetic minerals added.

SPECIFICATION

Physical & Chemical Characteristics

Parameter	Typical Value / Description
Appearance	Clear to slightly amber liquid
Taste	Slightly saline, mineral taste
Solubility	Completely soluble in water
pH (undiluted)	5.0–6.5
Specific Gravity (25°C)	Approx. 1.3



FUNCTIONAL BENEFITS

The addition of Nirvanam IoMin Complex-106 leads to measurable functional and nutritional enhancements in fortified products:

-  Provides a broad spectrum of ionic trace minerals.
-  Enhances nutritional fortification of formulations.
-  Improves taste balance and mouthfeel in beverages and functional foods.
-  Supports electrolyte balance and mineral replenishment.
-  Suitable for clean-label and natural formulation requirements.

APPLICATIONS

Nirvanam IoMin Complex-106 is a functional ingredient for B2B formulation and manufacturing in the following categories:

-  **Functional Foods & Beverages:** Enhances mineral content and nutritional value.
-  **Nutraceuticals & Health Supplements:** Provides bioavailable ionic minerals.
-  **Packaged Drinking Water & Functional Water:** Adds essential minerals for balanced taste and health benefits.

UNIQUE SELLING PROPOSITION USP

Apart from being backed by a successful legacy of 55 years, there are a few key USPs to share:

Parameter	Benefit/USP
 100% Natural Origin (Great Salt Lake, USA)	Derived from a natural inland sea, ensuring authenticity and purity.
 Ionic Mineral Form	Provides superior bioavailability and absorption compared to inorganic mineral salts.
 Balanced Multi-Mineral Profile	Contains a full spectrum of natural minerals.
 Highly Soluble and Stable	Fully water-soluble for easy incorporation into formulations without precipitation or instability.
 Clean-Label Ingredient	No additives, preservatives, or artificial colors; supports clean-label product claims.
 Globally Recognized Source	Great Salt Lake minerals are widely accepted in food and nutraceutical applications globally.
 Compliant with FSSAI Fortification & Nutraceutical Standards	Aligns with permissible fortification practices and purity standards under FSSAI regulations.

FUNCTIONAL IMPACT AFTER FORTIFICATION

The addition of Nirvanam IoMin Complex-106 leads to measurable functional and nutritional enhancements in fortified products:

Target Industry	Effect of Fortification with IoMin Complex-106
 Functional Food	Enhances mineral density and supports balanced electrolyte levels; helps in texture stabilization and flavor rounding.
 Beverages	Adds natural electrolytes and improves mouthfeel and palatability. Enhances product functionality and hydration properties.
 Nutraceuticals	Boosts essential mineral availability and supports claims for bone, nerve, and muscle health.
 Packaged/ Functional Water	Improves product performance by supplying skin-beneficial trace minerals; supports detoxification and hydration.



TYPICAL NUTRITIONAL COMPOSITION (per 100 mL*)

Nutrients	Per 100 ml
Chloride (Al)*	30000 mg
Magnesium	11000 mg
Sulphate	2251 mg
Sodium^	54 mg
Potassium	59 mg
Total Fat ^	0.00 g
Dietary Fiber (Al)*	0.00 g
Carbohydrate	0.00 g
Added Sugar ^	0.00 g
Total Sugar	0.00 g
Protein	0.00 g
Energy^	0.00 kcal
Saturated Fat^	0.00 g
Trans Fat ^	0.00 g
Cholesterol	0.00 mg

*Values are indicative; may vary with natural concentration range.

REGULATORY & LEGAL INFORMATION



Food Category: Nutraceutical Ingredient / Mineral Fortification Additive



Regulatory Reference 1:
 FSS (Health Supplements, Nutraceuticals, Food for Special Dietary Use, Functional Food and Novel Food) Regulations, 2016



Regulatory Reference 2:
 FSS (Fortification of Foods) Regulations, 2018



Regulatory Reference 3:
 FSS (Food Product Standards and Food Additives) Regulations, 2011



Compliance: Conforms to the safety and purity standards for mineral fortification ingredients.



Not for Retail Sale – For Industrial Use Only



Source: Great Salt Lake, Utah (USA)



Country of Origin (Raw Material): USA

PACKAGING & BULK SUPPLY OPTIONS

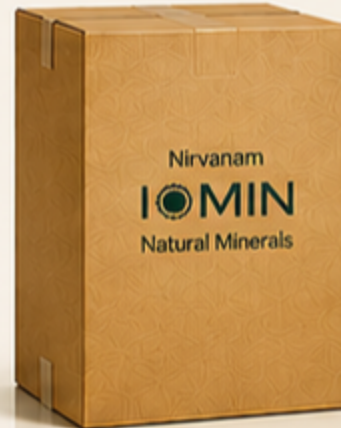
BACKED BY A
LEGACY OF
HARVESTING MINERALS
SINCE
1969



1 kg Box



5-10 kg Box



25 kg Box



500 kg Bulk Tote



30 Gallon Drum



275 Gallon IBC Tote



APPLY FOR
BULK

Partner with us for
your bulk requirements.



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