

MATERIAL SAFETY DATA SHEET

NEEM SEED OIL

(NEEM BASED NATURAL PRODUCT)

SECTION 1

MANUFACTURER INFORMATION

Ozone Biotech

(A Division of Shivanshu Sintered Products Pvt. Ltd.)

Plot No. 6, 14/3, Mathura Road,

Faridabad – 121003 (Haryana) INDIA

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Date Prepared: December 2004

SECTION 2

Hazardous Ingredients

Contains no hazardous mixtures Neem Seed Oil

SECTION 3

Physical Data & Ingredients

Physical State at STP	:	Liquid	pH	:	6.5 – 7.5
Appearance	:	Brownish Yellow	Specific Gravity	:	0.9137
Odor	:	Garlic	Solubility in Water	:	Slightly Soluble
Boiling Point	:	> 200°C	Vapor Pressure at 20°C	:	<1.33 EE-5Pa
Melt/Freeze Point	:	13° C	Vapor Density	:	Greater than air

SECTION 4

FIRE AND EXPLOSION DATA

Flash Point	: > 171°C - No Fire Hazard
Flammable Limits	: Not known
Extinguishing Media	: Polymer foam or carbon dioxide
Special Fire Fighting Procedures	: Wear protective clothing and face shields
Unusual fire and explosion hazards	: No hazard

SECTION 5

REACTIVITY DATA

Stability	: Stable at ordinary conditions of use and storage
Conditions to avoid	: High temperature or sunlight or light quickly degrade the material
Materials to Avoid	: Acids, alkali or oxidizing agents.
Hazardous Decomposition	: No hazardous materials are produced
Hazardous polymerization	: Not occur

SECTION 6

Health Hazard Data

Effects of Over-Exposure: None Noted.

Acute Eye Contact	.....	: May cause mild, reversible eye irritation
Chronic Eye Contact	.....	: Chronic exposure not likely from normal use.
Acute Skin Contact	.....	: May cause mild, reversible skin irritation. LD50 >2g/kg
Chronic Skin Contact	.....	: Repeated exposure may cause mild sensitization
Acute Ingestion	.....	: LD50 >5g /kg
Chronic Ingestion	.....	: Chronic exposure not likely from normal use.
Carcinogenicity	.....	: NTP: N/A IARC: N/A OSHA: N/A

Medical Conditions Aggravated by Exposure: None Noted.

SECTION 7

SIGN AND SYMPTOMS OF EXPOSURE

Inhalation	: May be irritating to mucous membrane and excessive exposure may result in drowsiness
Ingestion	: May cause drowsiness
Skin Contact	: May cause mild irritation
Eye Contact	: May cause mild irritation
Chronic Exposure	: Chronic exposure may cause various implications

SECTION 8

EMERGENCY AND FIRST AID PROCEDURE

Inhalation	: Remove to fresh air
Ingestion	: Induce vomiting by gastric lavage, call physician immediately
Skin Contact	: Wash skin with soap
Eye Contact	: Wash eyes with excessive water. Get medical attention if required

SECTION 9

Spill or Leak Procedures

Environmental Hazard:	Do not apply directly to water, or to areas where surface water is present. This product is toxic to bees exposed to direct treatment.
Spillage :	Absorb the liquid and scrub the area with detergent and water. Avoid runoff into storm sewers and ditches that lead to waterways
Waste Disposal Method:	Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

SECTION 10

Special Protection Information

Respiratory Protection	.....	:	No special requirements.
Ventilation	.....	:	No special ventilation requirements.
Eye Protection	.....	:	Use of safety goggles is recommended.
Skin Protection	.....	:	Use of rubber gloves is recommended.

SECTION 11

Handling & Storage Conditions

Storage Temperature (Min /Max.)	:	13 °C / 35 °C
Shelf Life	:	Stable under normal storage conditions for upwards of two years
Special Sensitivity	:	Keep from freezing.
Handling & Storage Precautions	:	None.

SECTION 12

Transportation Information

D.O.T Proper Shipping Name	.....	:	N / A
Technical Shipping Name	.....	:	Neem Seed Oil
D.O.T. Hazard Class	.....	:	N / A

SECTION 13

OTHER PRECAUTIONS

Shipping Name	: Neem Seed Oil
Shipping Containers Markings	: Neem Seed Oil
Shipping Container Labels	: Neem Seed Oil
Special Instructions	: No special instruction on handling required
Flammability	: Non flammable
Transport by Air	: Safe for Air Transport

SECTION 14

CONTROL MEASURES

Respiratory Protection	: Use spraying clothing's to avoid spray mist direct contact
Protective Gloves	: Wear protective gloves
Eye protection	: Wear safety goggles
Ventilation	: Thorough ventilation is recommended in case of accidental spillage
Work Practices	: Observe good personnel hygiene. Wash hands after usage of the product

SECTION 15

Regulatory Information

Designation: Eco-friendly Neem Seed Oil of Plant Origin
: Non Hazardous Material

SECTION 16

Information Origin

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