



ZURI ESSENTIAL OIL MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 SUBSTANCE IDENTIFICATION

Product Name : Nagarmotha Oil
Botanical Name : Cyperus scariosus
INCI Name : Cyperus scariosus
CAS No : 8013-86-3
EINECS/ELINCS No : 283-626-9
CAS-EINECS : 84696-07-1
Plant/Part Used : Root
Relative Identified Uses : FOR INDUSTRIAL USE BY PROFESSIONALS ONLY

1.2 IDENTIFICATION OF COMPANY

Country of origin : INDIA
Company Name : ZURI ESSENTIAL OIL
Address : HAJI GANJ KANNAUJ, UTTAR PRADESH PIN CODE 209725 (INDIA)
Emergency Number : +91 8423878832

SECTION 2 - HAZARDS IDENTIFICATION SUMMARY

HEALTH HAZARDS: May be harmful if swallowed, absorbed through skin, or inhaled. Mildly irritating to the eyes and skin.

PHYSICAL HAZARDS: Can decompose at high temperatures releasing toxic gases.

ENVIRONMENTAL HAZARDS: Highly toxic to bees, birds and aquatic invertebrates. Keep out of water ways.



SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS

PRODUCT NAME	PERCENTAGE	CAS / EC NUMBER	Hazard Class
Cyperus scariosus	<3.0%	8013-86-3	SKIN IRRIT.2- H315 EYE IRRIT. 2- H319 SKIN SENS. 1-H317

SECTION 4 - FIRST AID MEASURES

First Aid responders should use protective equipment in Section 8 if there is a potential for exposure to product.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air, if person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: No specific antidote, treat symptomatically.

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SECTION 5 - FIRE FIGHTING MEASURES

National Fire Protection Rating (NFPA)

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
4=Severe 3=Serious 2=Moderate 1=Slight 0=Minimal	

FLASHPOINT: >110°C/>230°F

EXTINGUISHING MEDIA: Use foam, dry chemical, or water spray.

FIRE AND EXPLOSION HAZARD: Can burn in fire, releasing irritating and toxic gases due to thermal decomposition or combustion.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire to prevent environmental damage due to run off. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff. Minimize use of water to prevent environmental contamination

FIRE FIGHTING EQUIPMENT: Self-contained breathing apparatus with full face piece.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILLS OR LEAKS: Clean up spills immediately, observing precautions in Section 8 of this document. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

SMALL SPILL: Absorb small spills on sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal.

LARGE SPILL: Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify, and scrape up for disposal. After removal, clean contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container.

is material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Minimize use of water to prevent environmental contamination

SECTION 7 - HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN!

HANDLING: Use only in a well-ventilated area. Minimize dust generation and accumulation.

STORAGE: Keep container closed when not in use. Keep away from food, feed and drinking water. Store in a well ventilated dry place away from heat. Store above 32 F.

Wear proper safety equipment specified in Section 8 when mixing, loading or otherwise handling concentrate.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS (8 hour TWA, ppm):

COMPONENT	OSHA PEL	ACIGH TLV
Imidacloprid	Not listed	Not Listed

ENGINEERING CONTROLS: Proper ventilation is required when handling or using this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION - Safety goggles or glasses with side shields.

CLOTHING - Long-sleeved shirt and long pants, Chemical-resistant footwear plus socks

GLOVES - Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC), viton

RESPIRATOR - Not required when handled under normal conditions. When handling in enclosed areas with inadequate ventilation, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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USER SAFETY RECOMMENDATIONS:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Slightly viscous liquid.
Color:	Almost colorless to brown
Odor	Characteristics, sweet, woody & persistent.
Melting Point:	Not applicable
Boiling Point:	No applicable
Flash Point:	>110°C/>230°F
Evaporation Rate:	No applicable
Flammability:	Not flammable
Flammability Limits:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Solubility:	Soluble in alcohol [1:0.5(v / v) in 95 % ethanol] and oil. Insoluble in water
Auto-Ignition Temperature:	Not applicable
Volatility:	Essential oils are naturally high in volatile organic compounds (VOCs).
*Other Information:	Not applicable

SECTION 10 - STABILITY AND REACTIVITY

PRODUCT REACTIVITY: No hazardous reaction if stored and handled as prescribed/ indicated.

CHEMICAL STABILITY: Stable under normal operating conditions and recommended use.

Chemically stable. This material presents no significant reactivity hazard. [<21°C]

HAZARDOUS POLYMERIZATION: It does not undergo any dangerous reactions under normal condition.

CONDITIONS TO AVOID: No special precautions other than good housekeeping of chemicals.[<21°C]

INCOMPATIBLE MATERIALS: Oxidizing minerals acids, strong reducing agents, strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: This products does not decompose under normal condition.

Under fire conditions this product will produce a mixture of irritating Fumes, smoke, carbon monoxide and other unidentified organic Compounds may be formed upon combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity data from similar formulation

ACUTE TOXICITY:	This substance does not meet the criteria for classification in accordance with data.
Skin corrosion/ irritation	May cause an allergic reactions on skin.
Serious eye damage	Not applicable
Respiratory or skin sensitization	Not applicable
Germ cell Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Reproductive toxicity	Not applicable
STOT single exposure	Not applicable
STOT- repeated exposure	Not applicable
Aspiration hazard	Not applicable
Photo-toxicity	Not applicable

SECTION 12 - ECOLOGICAL INFORMATION

TOXOCITY	Toxic to aquatic life with long lasting effects
PERSISTENCE & DEGRADABILITY	Not applicable
BIOACCUMULATION POTENTIAL	Not applicable
MOBILITY IN SOIL	Not applicable

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RESULT OF PBT & vPvB ASSESSMENT
OTHER ADVERSE EFFECTS

Not applicable
Do not allow the material to enter streams, sewers or
Other waterways.

SECTION 13 - DISPOSAL CONSIDERATIONS

Container Disposal Container must be disposed of as hazardous waste. Do not reuse empty Containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal Condition Dispose of in accordance with all state and local environment regulations. This Material and its container must be disposed in a safe way

SECTION 14 - TRANSPORT INFORMATION

SHIPPING DESCRIPTION: Not regulated by DOT for ground transport

TRANSPORT HAZARD CLASS: N/A

UN NUMBER: N/A

DOT PACKING GROUP: N/A

SECTION 15 - REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL: EU regulation: The product has been classified and labelled according to criteria provided in directive 67/548/EEC and 1272/2008/EC and following the recommendation of EFA (European Flavor and Fragrance Association).

REGULATION / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE : Regulation (EC) no 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, Evaluation, Authorization and restriction of chemical (REACH) establishing a European chemical Agency, amending Directive 1999/45/EC and repealing council regulation (EEC) no 793/93 and commission regulation (EC) no 1488 as well as council directives 91/155/EEC, 93/67/EEC, 93/105/EC and 200/21/EC (Including amendments)

EU DIRECTIVES : The chemicals (Hazard information & packing for supply regulations 2009[S.I.2009 No 716]

Statutory Instruments : Classification & Labelling of substances & dangerous for supply. Safety Data Sheet for substances & preparations.

Approve Code of Practice : Not Applicable

Chemical Safety Assessment : Not Applicable

SECTION 16 - OTHER INFORMATION

HMIS HAZARD RATINGS	HEALTH	1
	FLAMMABILITY	1
	PHYSICAL HAZARD	1
	4=Severe 3=Serious 2=Moderate 1=Slight 0=Minimal	

DISCLAIMER: The information presented herein is based on available data from reliable sources and is correct to the best of ZURI ESSENTIAL OIL knowledge. ZURI ESSENTIAL OIL makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions.

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling.

It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

REVISED DATE:
REFERENCE:

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