



MATERIAL SAFETY DATA SHEET

NITROGEN FERTILIZER SOLUTION (Zufar)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: NITROGEN FERTILIZER SOLUTION (Zufar)		[WHMIS Classification] N/A	
Product Use: use as agricultural crop plant or similar plant food. Act as a plant nutrition and growth enhancer.			
Manufacturer's Name: Meghmani Crop nutrition Limited, Nano Urea Fertilizer Plant, S.No ,403/P, 404/P & 452, Vill.-: Chharodi, Tal:- Sanand, Dist.-: Ahmedabad-382170, Gujarat.		Supplier's Name: Meghmani Crop nutrition Limited, Nano Urea Fertilizer, Plant, S.No ,403/P, 404/P & 452, Vill.-: Chharodi, Tal:- Sanand, Dist.-: Ahmedabad-382170, Gujarat.	
Street Address: Meghmani Crop nutrition Limited, Nano Urea Fertilizer Plant, S.No ,403/P, 404/P & 452, Vill.-: Chharodi, Tal:- Sanand, Dist.-: Ahmedabad-382170, Gujarat.		Street Address: Meghmani Crop nutrition Limited, Nano Urea Fertilizer, Plant, S.No ,403/P, 404/P & 452, Vill.-: Chharodi, Tal:- Sanand, Dist.-: Ahmedabad-382170, Gujarat.	
City: Ahmedabad	State: Gujarat	City: Ahmedabad	State: Gujarat
Postal Code: 382170	Emergency Telephone: +91-79-7176100	Postal Code: 382170	Emergency Telephone: +91-079-71761000
Date MSDS Prepared:28-04-2024	MSDS Prepared By: JAY MANGROLIYA		

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ of Ingredient (specifyspeciesand route)	LC ₅₀ of Ingredient (specifyspecies)
Total Nitrogen per cent. by weight/Volume	17.5 %	N/A	N/A	N/A
Organic polymers	<1	N/A	N/A	N/A

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry: Skin Contact[X]; Skin Absorption[X]; Eye Contact[X]; Inhalation[X]; Ingestion[x]
Emergency Overview: N/A
WHMISymbols: N/A
Potential Health Effects: N/A

SECTION 4 — FIRST AID MEASURES

Skin Contact: Wash affected area with mild soap and water.
Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Contact doctor if irritation persists.
Inhalation: Move the affected person to fresh air and let him take deep breath. If still trouble in breathing, call doctor for further treatment.
Ingestion: If swallowed, call doctor immediately for treatment advice. Make the person sip a glass of water.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable: No
Hazardous Combustion Products: N/A
Fire Fighting Media and Instructions: N/A

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill procedure: Absorb the liquid with suitable material and clean affected area with soap and water.
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SECTION 7 — HANDLING, STORAGE and PERSONAL PROTECTION

Handling procedures and equipment: Wear suitable protective clothing including gloves and masks while spraying. Store it in dry place. Do not expose under direct sunlight during storage.

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Antalya Kurumlar V.D. 632 129 0225



SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits: Skin Contact [X]; Skin Absorption [X]; Eye Contact [X]; Inhalation [X]; Ingestion [x]
Specific Engineering Controls (such as ventilation, enclosed process): Provide exhaust ventilation or other engineering controls to keep the air borne concentrations of vapors below their respective threshold limit value.
Personal Protective Equipment: Gloves [X]; Respirator/Mask [x] Eye [x] Footwear [x] Clothing [x]
Wear safety goggles and appropriate protective gloves.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Odor and Appearance: Clear solution. No pungent odor.	Viscosity: 5-30 cP
Specific Gravity: 1.2 – 1.23	Vapor Density (air = 1): N/A	Vapor Pressure (mmHg): N/A
Evaporation Rate: N/A	Boiling Point (° C): 100	Solubility in Water: Highly soluble
pH: 4.0 to 8.5	Freezing Point (° C): 0.0	Flash Point : N/A

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability : Yes	
Incompatibility with Other Substances: N/A	N/A
Reactivity, and under what conditions?	N/A
Hazardous Decomposition Products	N/A

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure: N/A	
Effects of chronic exposure: N/A	
Irritancy of Product: N/A	
Skin sensitization: N/A	Respiratory sensitization: N/A
Carcinogenicity-IARC: N/A	Carcinogenicity – ACGIH: N/A
Reproductive toxicity: N/A	Teratogenicity: N/A
Embryo-toxicity: N/A	Mutagenicity: N/A
Name of synergistic products/effects: N/A	

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SECTION 12 — ECOLOGICAL INFORMATION

Aquatic Toxicity: N/A

SECTION 13 — DISPOSAL

Waste Disposal: dispose of in an approved landfill disposal facility, in accordance with applicable federal, state, and local regulations.

CONSIDERATIONS SECTION 14— TRANSPORT INFORMATION

Special Shipping requirement Information: N/A

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]: N/A

[OSHA]: NA

[SERA]: N/A

[TSCA]: N/A

SECTION 16 — OTHER INFORMATION

The information above is believed to be accurate and represent the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no event shall Indian M/s. Meghmani Crop nutrition Limited, Nano Urea Fertilizert Plant ,Chharodi , Tal:- Sanand, Dist.:- Ahmedabad India be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damage, howsoever arising, even if replaced has been advised of the possibility of such damages.

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