

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Super Humic (Humic Acid 40%)		[WHMIS Classification]	
Product Use: Crops and Vegetables and Fruit trees			
Manufacturer's Name: For Fusion Spectrom		Supplier's Name: Fusion Spectrom	
Street Address : Office # 1100, Neelkant Heights, Manservar, Thane, Mumbai, Maharashtra, 400606, India		Street Address: Mumbai, Maharashtra, 400606, India	
City: Maharashtra	Province: Mumbai	City: Maharashtra	Province: Mumbai
Postal Code: 400606	Emergency Telephone: 00917219479974	Postal Code: 400606	Emergency Telephone: 00917219479974 00917410724774
Date MSDS Prepared: 13/08/2025	MSDS Prepared By: Hamid Reza Dorri		Phone Number: 00989378510939

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
None				

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	☒ Skin Contact	☒ Skin Absorption	☒ Eye Contact	☒ Inhalation	☒ Ingestion
If fertilizer dust is inhaled, It may cause coughing and sneezing.					
Prolonged and repeated contact of fertilizer with skin may cause mild irritation.					
In case of eye contact with fertilizer, It may cause irritation, redness and pain in the eye.					
Ingestion of large amounts of fertilizer may cause gastrointestinal upset and abdominal pain.					

SECTION 4 — FIRST AID MEASURES

Skin Contact: Rinse contaminated areas with water and soap.
Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Inhalation: Bring the patient to your doctor or nearest hospital
Ingestion: Bring the patient to your doctor or nearest hospital

SECTION 5 — FIRE FIGHTING MEASURES

Flammable ☐ Yes ☒ No	If yes, under which conditions?	
Means of Extinction: Water is to be used for extinguishing fire. Use Mask if required.		
Flashpoint (° C) and Method:	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products		
[NFPA]		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
In case of any accidental spillage, recover & reuse as product Prevent spillage of large quantities from contacting with canals and rivers.

SECTION 7 — HANDLING AND STORAGE

Handling: Use hand gloves, dust mask and safety goggles
Storage: Store in a dry isolated & well-ventilated area away from heat, sources of ignition. Do not store in direct sunlight. Keep out of reach of Children.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	☐ ACGIH TLV	☐ OSHA PEL	☐ Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process)			
Personal Protective Equipment	☒ Gloves	☒ Respirator	☒ Glasses ☐ Footwear ☐ Clothing ☐ Other
If checked, please specify type			
Eye protection : In case of dust formation: Safety glasses Hand protection Material : Gloves Skin and body protection : No special protective equipment required. Respiratory protection : respiratory protection only if aerosol or dust is formed. Respirator with a particle filter			

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State: powder	Odour and Appearance: does not have	Odour Threshold (ppm)
Specific Gravity:	Vapour Density (air = 1):	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
pH=	Coefficient of Water/Oil Distribution water soluble	[Solubility in Water]

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability ☒ Yes ☐ No	If no, under which conditions?
Incompatibility with Other Substances ☐ Yes ☒ No	If yes, which ones?
reactivity, and under what conditions?	
Hazardous Decomposition Products	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Effects of chronic exposure	
Irritancy of Product	
Skin sensitization: does not have	Respiratory sensitization: does not have
Carcinogenicity-IARC: does not have	Carcinogenicity – ACGIH: does not have
Reproductive toxicity: does not have	Teratogenicity
Embrototoxicity: does not have	Mutagenicity
Name of synergistic products/effects: does not have	

SECTION 12 - ECOLOGICAL INFORMATION

[Aquatic Toxicity] **does not have**

SECTION 13- DISPOSAL CONSIDERATIONS

Waste bags not to be used for storage of food grade items.

	PIN
TDG	[DOT]
[IMO]	[ICAO]
Waste Disposal	

SECTION 14 - TRANSPORT INFORMATION

Due to the fact that the product is not flammable and not dangerous it can be transported by air or sea container.

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification]	[OSHA]
[SERA]	[TSCA]
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.</i>	

SECTION 16 - OTHER INFORMATION