



SAFETY DATA SHEET

VEGA OR

Effective Date: 11/09/2022

Doc. No.: CLP/TCH/SDS/P102

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name : VEGA OR PLUS WITH EM®
Description : NATURAL FOGGING DISINFECTANT

Recommended Use : Outdoor and Indoor Odour Remover (Toilet, Kitchen, Rubbish Chute, Food Waste, Cigarette, etc.), Fogging Disinfectant, Hand Wash and Sanitizer, Multi-Surface Disinfectant and Floor Cleaner

Recommended Restrictions : Not to consume directly as beverage

Supplier : **CLP Envisystems Pte Ltd**
2 Tanjong Penjuru
Singapore 609017
Tel: (65) 8223 1084
Fax: (65) 6265 7501

2. HAZARD IDENTIFICATION

No hazardous ingredients present, not hazardous to humans and animals (if inhale or ingest) or plants

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is a mixture of substances.
Molasses: 5-20%
Bean Extract: <1%
Microbes (Lactic acid bacteria and yeasts): <1%

4. FIRST AID MEASURES

EYES : Flush eyes immediately with plenty of water for at least 5 minutes, lifting eyelids. If wearing contact lens, remove them. Seek medical help if irritation develops or persists.

SKIN : Wash and rinse with plain water. Remove contaminated clothing. Seek medical attention if irritation develops or persists.

INGESTION : If accidental ingestion, drink sufficient plain water to clear content through ingestion. Never give anything by mouth to an unconscious person.

INHALATION : Smell of vinegar, does not affect respiratory systems. If feeling unwell, move aside to get fresh air and seek medical facility assistant if any unwell symptom persists.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Not applicable

Hazardous thermal decomposition products : None

Fire Fighting Procedures : Not applicable

Special Fire & Explosion Hazards : Not applicable



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6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** : Use personal protective equipment as described in section 8
- Environmental precautions and Clean-up methods** : Consult an expert. Collect leaking liquid and spilled liquid in covered containers. Absorb remaining liquid in inert absorbent and move to garden soil or a safe place, or rinse and mop then let air dry.

7. HANDLING AND STORAGE

Handling

Safe handling advice:

Safe to breathe vapours or spray mist without mask or respirator gear.

Storage

Requirements for storage areas and containers:

Keep containers tightly closed and store in a cool and well ventilated place, under room temperature and away from sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits:

No occupational exposure limits has been established.

Precautions for safe handling:

Protective Measures : Not harmful to humans, pets and animals' respiratory systems, safe to breathe in the vapours or mist. No mask or respiratory gear is required. Wear suitable personal protective equipment such as gloves and boot if handling bulk sized container.

Storage : Keep container dry and tightly closed. Store in a cool and well ventilated place; under room temperature and away from sunlight. Do not put container next to hazardous chemical products or contaminate with chemical products.

Personal Protective Equipment

- Hands** : Optional to use rubber or disposable gloves
- Eyes** : Safety goggle
- Respiratory system** : None
- Protective Clothing** : None
- Work Practices** : Keep area dry at all times, rinse and clean up any spills and put warning signs during cleaning or fogging works-in-progress to prevent slip and fall



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Brown Solution
Odour	:	Vinegar smell
Boiling Point	:	>100°C
Specific Gravity 25/25° C	:	1.2
pH	:	<3.5
Vapour Pressure	:	No data available
% Volatile by Volume	:	0
Evaporation Rate	:	Equals to water
Melting Point	:	No data available
Solubility in Water	:	Completely soluble

10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under recommended storage conditions
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed. No hazards to be specifically mentioned
Conditions to avoid	:	No data available
Incompatible materials	:	No data available
Hazardous decomposition products	:	No data available

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposures:

Inhalation exposure	:	None
Ingestion exposure	:	May cause gas
Skin Exposure	:	None
Eye Exposure	:	May cause eye irritation
Acute Toxicity	:	No data available

12. ECOLOGICAL INFORMATION

Aquatic, terrestrial organism toxicity:

Not available

Persistence and degradability:

No data available

Bioaccumulation potential:

No data available

Mobility in soil:

No data available



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13. DISPOSAL CONSIDERATIONS

Disposal methods:

Use only licensed transporters and permitted facilities for waste disposal.

14. TRANSPORT INFORMATION

UN Number :	N/A	UN Packing Group :	N/A
UN Class :	N/A	ICAO/IATA Class :	N/A
IMDG :	N/A	ADR/RID Class :	N/A

This product is not regulated for domestic and international transportation.

15. REGULATORY INFORMATION

This product is not regulated by NEA (PCD), SCDF, and MOM (WSH)

Singapore Regulations

This product is not subjected to MOM SDS, Labelling, PEL and other requirements in the Act/Regulations: *Environmental Protection and Management Act* and *Environmental Protection and Management (Hazardous Substances) Regulations*. This product is not subjected to the requirement of this regulation: *Fire Safety Act and Fire Safety (Petroleum & Flammable Materials) Regulations*. This product is not subjected to the requirement of this regulation: *SS 586- Globally Harmonised System of Classification and Labelling of Chemicals*.

16. Other INFORMATION

Source of Data: - MSDS of Material Manufacturers

References:

The information herein, is given in *Good Faith* but NO WARRANTY, Express or Implied, is made in accordance with the guidelines on the preparation of MSDS issued by the Ministry of Manpower. The information provided in this safety data sheet is correct to the best of our knowledge at the time of its publication. The information given is designed only as a guidance for safe handling use, processing, storage, transportation, disposal and release; and is not considered to be a warranty or quality specification as the operating conditions and situations may vary differently by different operators which is beyond our control. The information relates only to the specific material designated and may not be valid for such material used in combination with other materials, or in any processes unless specified in the text.

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