

# ODO care CONCENTRATE

## MATERIAL & SAFETY DATA SHEETS

<b>PRODUCT</b>	ODO CARE CONCENTRATE
<b>SHEET VERSION/DATE</b>	1.1 / 02Apr18

## 1. PRODUCT AND COMPANY IDENTIFICATION

Function	Biological odor controller
Description	This a ready to use formula specifically designed to eliminate objectionable odors. The product is technologically advanced odor controller that combines the fast action of chemistry with the long term benefits of microbes.

Odo Care Concentrate is an innovative development for odor control in solid waste applications which provides a powerful combination of fast acting neutralizers for immediate odor relief. The selectively adopted bacteria in the product work to degrade malodorous compounds with proprietary ingredients which stimulate microbial activity.

Odo Care Concentrate is active against an array of nitrogen and sulfur containing compounds classically associated with waste odor problems including amine, ammonia, mercaptans and hydrogen sulphide.

Manufactured at	Survey No. 271/8, Ingawale Patil Estate, Paud Road, Pune (India) - 412115
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Emergency contact	+91 98 1603 1603
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## 2. AREAS OF APPLICATION

- Garbage collection areas
- Waste collection areas
- Flood and fire odors

## 3. BENEFITS & ADVANTAGES

- It rapidly neutralizes and eliminates odors without relying on the use of masking agents or hazardous chemical oxidizers.
- Selectively adapted bacteria in the product reduce or eliminate odor by degrading volatile amines and mercaptans.
- The biological stimulant enhances the activity of bacteria, as well as indigenous strains, resulting in higher rates of degradation.
- Easy to use

## 4. DIRECTION FOR USE:

Mix contents well.	
Use	Direct as Spray
Dilution	Can be diluted up to 1:1000 with water
Shelf Life & Storage	2 years at 2 <sup>o</sup> C to 35 <sup>o</sup> C. Store in cool, dry place
Packaging	Minimum quantities apply. Please contact dealer/supplier for detailed price list.
Pack size(s)	1 x 20L or 2 x 5 L

### 5. PRODUCT CHARACTERISTICS

Bacteria count	54 x 10 <sup>7</sup> cfu
pH range	7.0-8.0
Flash point	Non-flammable
Appearance	Cloudy liquid
Fragrance	Pleasant Orange

*Precautions: While this product is non-toxic, non-corrosive and non poisonous, it is nevertheless wise to keep it out of reach of children, and to follow basic precautions of use. Wash hands with warm, soapy water after use. Avoid contact with eyes, open cuts or sores. In case of eye contact, flush with water for 15 minutes. Call a physician. Do not use this container for storing beverages or other liquids. Contains Bio Active Formulation contains no phosphorus.*

## 6. DESCRIPTION/PROPERTIES (nature, reactivity)

Odo Care Concentrate is completely soluble and highly effective odor neutralizer containing a blend of non-pathogenic micro-organisms and free enzymes that produce an enzymatic activity to degrade organic matter. Odo Care Concentrate has unique formulation that provides instant binding of odor causing molecules and destruction of bound odor molecules in a single application.

## 7. COMPOSITION / INFORMATION ON INGREDIENTS

Non pathogenic organisms — NOT CLASSIFIED AS HAZARDOUS

HAZARDOUS COMPONENTS	% W/W	SYMBOL	R PHRASES	Cas No
Proprietary Blend microorganisms	10%	-	-	-
Perfume				
Preservatives	01%			

## 8. HAZARD IDENTIFICATION

- a. Fire/Explosion Hazard (stability, flammability, combustion products)  
Not classified as flammable or combustible material. Aqueous suspension.
- b. Health Hazard (inhalation, ingestion, contact with skin or eyes)  
Not classified as hazardous for use. May cause irritation on prolonged or repeated skin contact. As with all surface—active chemicals, care should be taken to avoid prolonged skin contact. Low risk from inhalation. Low order of acute oral toxicity but do not ingest.
- c. Environmental Hazard  
Not classified as hazardous to the environment.

## 9. FIRST AID MEASURES

- Inhalation : Very low risk in normal usage since product is non—volatile. Mist may cause irritation to the respiratory tract. If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.
- Skin Contact : Avoid unnecessary contact and keep away from broken skin or open wounds. Wash thoroughly all affected areas with soap and water. Remove contaminated clothing and launder before re-use. Wash hands before eating or drinking.
- Eye Contact : Irrigate with plenty of clean running water. Seek medical attention if irritation persists.
- Ingestion : Do not swallow, rinse out mouth with water. Do not induce vomiting. If swallowed in quantity seek medical attention as a precautionary measure. Material may cause stomach disorder. Irritation of the mouth, pharynx esophagus and stomach can develop following significant ingestion.

## 10. FIRE FIGHTING MEASURES

Suitable extinguishing media

Since the product is not combustible or flammable, if involved in fire, use extinguishing media appropriate to the source of the fire.

Protection for fire fighters:

Wear self-contained breathing apparatus. Wear protective clothing.

**11. ACCIDENTAL RELEASE MEASURES**

Personal Precautions	Mark contaminated area with signs & use excess water to clean
Environmental Precautions	Product is not environmentally hazardous, on the contrary it favors digestion of oils & grease in sewers, WTP's & WWT facilities.
Clean Up Procedures	Disperse spillages with excess of water in the drains.

**12. HANDLING & STORAGE**

Handling	After handling wash hands with soap and water.
Storage	May be stored for period of one year in plastic containers as supplied. Avoid temperatures above 45 <sup>o</sup> C and protect from frost. Keep in cool and dry place. Use in 8 hours of dilution.

**13. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Controls	Provide eyewash station
Personal Protection	Hand - Use of rubber gloves recommended. Eyes - Use of safety glasses recommended.

**14. PHYSICAL & CHEMICAL PROPERTIES**

Density	1.01	Appearance	Milky White Liquid
Vapor Pressure	Equivalent to Water	pH Value	7.0-8.0
Solubility in water	Completely Miscible		

**15. STABILITY & REACTIVITY**

Stability	Stable
Materials to avoid	Avoid contact with strong oxidizers. Strong acids or alkalis may render the product inactive.
Temperature	Avoid extremes of temperatures

**16. TOXICOLOGICAL INFORMATION**

Health Effects	
Respiratory	Mist may cause irritation to the respiratory tract.
Skin	May cause irritation on prolonged or repeated skin contact.
Eyes	May cause irritation.
Ingestion	May cause irritation in mouth, throat, stomach and intestinal canal.

Contains non-pathogenic bacterial cultures.

**17. ECOLOGICAL INFORMATION**

Degradability	All components are readily biodegradable.
Bioaccumulation	No bioaccumulation is expected.

The product is biodegradable and water-soluble.

**18. DISPOSAL CONSIDERATION**

Disposal methods      Dispose of under Local Authority Guidelines

**19. TRANSPORT INFORMATION**

Not classified as dangerous for transport.

**20. REGULATORY INFORMATION**

Not classified as hazardous for use.

**21. SAFETY PHRASES**

S2      Keep out of reach of children.

S26     In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S461f   swallowed seek medical attention and show the container or label

**22. OTHER INFORMATION**

Biological odor controller

*Please Note: The information in this Safety Data Sheet is based upon knowledge available at the time of compilation. It is intended to describe the product only in terms of Health & Safety requirements. It does not signify any warranty with regards to specific properties or specifications.*