

**Odo CARE Concentrate**

Odo CARE Concentrate is 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 neutralisers 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.

**Areas of Application:**

Garbage collection areas, Waste collection areas, Accumulated rotten waste, Flood and fire odors.

**Features & Benefits:**

- It rapidly neutralises 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.
- Rapid and long term effects.
- Long shelf life (2 + years).
- Easy to use.

**Directions for Use:**

- Mix contents well.
- Direct as spray.
- Dilute upto 1:300 with fresh water

Shelf Life & Storage: 2 years at 200 to 350 C. Store in cool, dry place.

**Precautions:** While this product is 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.

**Material Safety Data Sheet****DESCRIPTION / PROPERTIES (nature, reactivity):**

Odo CARE Concentrate is completely soluble and highly effective odour neutraliser 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 odour causing molecules and destruction of bound odour molecules in a single application.

**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%			

**HAZARD IDENTIFICATION**

- Fire/Explosion Hazard (stability, flammability, combustion products):

Not classified as flammable or combustible material. Aqueous suspension.

- 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.

- Environmental Hazard: Not classified as hazardous to the environment.

**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-**

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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.

### **FIRE FIGHTING MEASURES**

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

Protection for fire fighters: Wear self-contained breathing apparatus. Wear protective clothing.

### **ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Mark contaminated area with signs and prevent access to unauthorized personnel.

### **ENVIRONMENTAL PRECAUTIONS:**

Product is not environmentally hazardous, on the contrary it favors digestion of oils and greases in sewers and waste water treatment facilities.

### **CLEAN UP PROCEDURES:**

Disperse spillages with large excess of water.

### **HANDLING AND 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°C and protect from frost. Keep in cool and dry place. Use in 8 hours of dilution.

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### EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide eyewash station

Personal Protection: Hand: Use of rubber gloves recommended. Eyes: Use of safety glasses recommended.

### PHYSICAL AND CHEMICAL PROPERTIES

**Density:** 1.01gm/cc.

**Bacteria count :** 54 x 10<sup>7</sup> cfu

**Appearance:** Milky white Liquid,

**Flash point :** Non-flammable

**Vapour Pressure:** Equivalent to Water

**Fragrance :** Pleasant Orange.

**Solubility in water:** Completely Miscible

**pH Value:** 7.0 – 8.0

### STABILITY AND REACTIVITY

Stability: Stable.

Materials to avoid: Avoid contact with strong oxidisers. Strong acids or alkalis may render the product inactive.

Temperature: Avoid extremes of temperatures

### 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.

### ECOLOGICAL INFORMATION

- Degradability: All components are readily biodegradable.
- Bioaccumulation: No bioaccumulation is expected.
- The product is biodegradable and water-soluble.

### DISPOSAL CONSIDERATION:

Disposal methods: Dispose of under Local Authority Guidelines.

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### TRANSPORT INFORMATION :

Not classified as dangerous for transport.

REGULATORY INFORMATION : Not classified as hazardous for use.

### 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.

S46 If swallowed seek medical attention and show the container or label

### OTHER INFORMATION :

Biological odour 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.