Section 1 ● Identification

Product identifier: EcoCare® Odorshield

Principal use: Industrial odor eliminator specifically designed for garbage odors.

Company/Undertaking Identification

Nature Plus, Inc.
55 Rachel Drive
Stratford, CT 06615 USA
Telephone. 203-380-0316, Fax. 203-380-0358

Emergency telephone number

INFOTRAC Emergency Contact Hotline: **1-800-535-5053** (Contract# 107198)

Section 2 ● Hazards Identification

Classification of the substance or mixture:

Eye irritation, **Category 2B**; H320

GHS label elements, including precautionary statements

Hazard pictogram(s): None

Signal word: Warning

Hazard statement(s)

Causes eye irritation.

Precautionary statement(s)

P305 + P351 + P338: **IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards which do not result in classification: Not known.

Section 3 ● Composition & Information on Ingredients

Common name	CAS number	Concentration,%*
Fermented Vegetable Extract**	094114-07-5	60% to 100%
Proprietary Surfactant and Stabilization Formula	-	10% to 30%

* The specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

** A natural blend of enzymes from food grade vegetable ferments and filtered water.

Section 4 ● First Aid Measures

First aid measures for accidental exposure:

Skin Exposure:
None.

Inhalation:
Nonvolatile contents.

Eye contact
May cause mild eye irritation. Rinse with plenty of water also under eyelid for at least 20 minutes. Remove contact lenses.

Ingestion:
None.

Medical conditions possibly aggravated by exposure:
None.

Notes to physician:
None.

Section 5 ● Fire Fighting Measures

Fire hazard data:

Flash Point:
>140° F. Flammability Class: WILL NOT BURN.

Method Used:
Closed cup

Flammability Limits (vol/vol %):
Lower: No Data
Upper: No Data

Extinguishing Media:
Product is nonflammable.

Special Fire Fighting Procedures:
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards:
Product is nonflammable.

Hazardous Decomposition Materials (Under Fire Conditions):
Product is nonflammable.

Section 6 ● Accidental Release Measures

Evacuation Procedures and Safety:
None.

Containment of Spill:
Follow procedure described below under Cleanup and Disposal of Spill.

Cleanup and Disposal of Spill:
Mop up any spilled product and discharge to sewer or flush to any disposal system.

Environmental and Regulatory Reporting:
None.

Section 7 ● Handling and Storage

Minimum/Maximum Storage Temperatures:
Store between 40° F and 120° F. Keep container closed when not in use.

Handling:
Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. DO NOT ALLOW TO FREEZE. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.

Storage:
Ship and store above 65° F. Store in tightly closed containers. Store in an area that is dry, well-ventilated; away from incompatible materials (see Section 10 ● Stability and Reactivity).

Section 8 ● Exposure Controls/Personal Protection

Introductory Remarks:
These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13 ● Disposal Considerations. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Exposure Guidelines:
No exposure limits were found for this product or any of its ingredients.

Engineering Controls:
None required.

Respiratory Protection:
Not required for properly ventilated area.

Eye/Face Protection:
Recommended, but not required.

Skin Protection:
None required.

Work Practice Controls:
None required.

Section 9 ● Physical & Chemical Properties

Physical Appearance:
Dark brown clear liquid

Odor:
Characteristic

Odor Threshold:
Not Available

pH:
3.2 to 3.8

Melting Point / Freezing Point Range:
< 0° C (32° F)

Initial Boiling Point and Boiling Range:
100° C (212 F) at 760 mmHg

Flash Point:
>140° F. Closed cup

Evaporation Rate:
As water

Flammability (solid, gas):
Non-flammable

Upper/Lower Flammability or Explosive Limits:
Not Available

Vapor Pressure:
As water

Vapor Density:
As water

Specific Gravity:
1.00 to 1.08 at 20° C

Water Solubility:
Completely Soluble

Percent Volatiles by Volume:
Nonvolatile

Viscosity:
Not Available

Section 10 ● Stability and Reactivity

Chemical stability:
This material is stable under normal handling and storage conditions described in **Section 7**.

Conditions to be avoided:
None

Materials/chemicals to be avoided:
None

The following hazardous decomposition products might be expected:
Decomposition type: None

Hazardous polymerization will not occur.

Avoid the following to inhibit hazardous polymerization:
Not applicable

Section 11 ● Toxicological Information

Acute Eye Irritation:

Toxicological Information and Interpretation:

Eye - Mild eye irritation.

Acute Skin Irritation:

None.

Acute Dermal Toxicity:

Non-Toxic.

Acute Respiratory Irritation:

None.

Acute Inhalation Toxicity:

Non-Toxic.

Acute Oral Toxicity:

Non-Toxic.

Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens. No additional test data found for product.

Section 12 ● Ecological Information

Ecotoxicological Information:

Toxicity: Fish Acute & Prolonged Toxicity

LC_{50}, Pimephales promelas (Fathead Minnow), 96 h: > 1000 mg/L
LC_{50}, Oncorhynchus mykiss (Rainbow Trout), 96 h: > 1000 mg/L
LC_{50}, Daphnia magna (Daphnid), 96 h: > 1000 mg/L

Chemical Fate Information:

Biodegradation of the test substance was initiated at day 0 and continued up until day 21. Thereafter, a plateau was reached and this continued until the end of the test. At day 28, 48.3 % was biodegraded, indicating recalcitrant components in the sample. The test substance could not be designated as “readily biodegradable” due to the low degradation percentages found. Toxicity of the test substance and/or nitrification inhibitor was not observed as shown by the biodegradation percentages found, and the endogenous respiration, which was not inhibited.

Section 13 ● Disposal Considerations

Dispose of in accordance with applicable municipal, provincial, state or national regulations. Not classified as dangerous according to transport regulations.

Section 14● Transportation Information

Not classified as dangerous according to transport regulations.

Section 15 ● Regulatory Information

15.1 Inventory Status

UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	Y
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.
E = All ingredients are on the inventory or exempt from listing.
P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.
N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

15.2 Chemical Safety Assessment

No additional information available.

Section 16 ● Other Information

NPI Product Number: N127

Revision number: GHS / Revision 2.1

Indication of changes: GHS Format

Legend/acronym: GHS / Globally Harmonized System

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