

**Section 1 • Identification**

**Product identifier:** EcoCare® 250 GR

**Principal use:** Industrial odor eliminator specifically designed for VOC 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**

<u>Common name</u>	<u>CAS number</u>	<u>Concentration,%*</u>
Fermented Vegetable Extract**	094114-07-5	60% to 100%
Urea	57-13-6	7% to 13%
Proprietary Surfactant and Stabilization Formula	-	7% to 13%

\* 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 Limits:**

Component	Value	Control parameters	Basis
Urea	TWA	10.000000 mg/m3	USA. Workplace Environmental Exposure Levels (WEEL)

**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:**

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material.

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**Section 9 • Physical & Chemical Properties****Physical Appearance:**

Clear dark brown liquid

**Odor:**

Characteristic

**Odor Threshold:**

Not Available

**pH:**

3.73 to 4.23

**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:**

1.06 to 1.14 at 20° C

**Water Solubility:**

Completely Soluble

**Percent Volatiles by Volume:**

Nonvolatile

**Viscosity:**

Not Available

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**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

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**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.

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**Section 12 • Ecological Information****Ecotoxicological Information:****Toxicity:** Fish Acute & Prolonged ToxicityLC<sub>50</sub>, Pimephales promelas (Fathead Minnow), 96 h: > 1000 mg/LLC<sub>50</sub>, Oncorhynchus mykiss (Rainbow Trout), 96 h: > 1000 mg/LLC<sub>50</sub>, 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.

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**Section 13 • Disposal Considerations**

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

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**Section 14 • Transportation Information**

Not classified as dangerous according to transport regulations.

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**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.

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**Section 16 • Other Information**

NPI Product Number: N081

Revision number: GHS / Revision 2.0

Indication of changes: GHS Format

Legend/acronym: GHS / Globally Harmonized System

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