

**SAFETY DATA SHEET**

**1. PRODUCT & COMPANY IDENTIFICATION**

**Product Name:** Nature-Guard™  
**Product Code:** 10612  
**Product Use:** Organic Coating for Fresh Fruit and Vegetables  
**Product Restrictions:** For Agriculture Use Only  
**Manufacturer:** Pace International, LLC  
**Address:** 5661 Branch Road, Wapato, WA 98951  
**Phone Number:** 800-936-6750 (Monday-Friday, 7:00 a.m. – 4:00 p.m.)  
**Medical Emergency Phone Number:** 888-271-4649 (PROPHARMA)  
**Transportation Emergency Phone Number:** 800-424-9300 (CHEMTREC)

**2. HAZARDS IDENTIFICATION**

GHS Classification in accordance with 29 CFR 1910 (2012 OSHA Hazard Communication Standard)  
 This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification:**

Physical hazard

Not classified.

Health Hazards

Skin corrosion / irritation, Category 2

Sensitization, Skin, Category 1

Environmental hazards

Not classified.

**Hazard Symbols:**



**Signal Word:**

WARNING

**Hazard Statements:**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

**Precautionary Statements:**

**Prevention Statements:**

P261 Avoid breathing mist, vapors, or spray.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, clothing and eye protection.

**Response Statements:**

P302/352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatments see Section 4 First Aid Measures.

P333/313 If skin irritation or rash occurs: Get medical advice/attention.

P362/364 Take off contaminated clothing and wash it before reuse.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P337/313 If eye irritation persists: Get medical advice/attention.

**Storage:**

Store in a cool, dry area at room temperature and away from direct sunlight. Store away from incompatible materials (see Section 10 of the SDS). Keep container tightly closed and upright to prevent leakage and contamination. To prevent contamination, maintain pump suction tube in a sanitary condition. Keep out of reach of children and livestock.

**Disposal:**

P501 Dispose of contents/container should be made in accordance with applicable regional, national and local laws and regulations.

None known.

**Other Hazards:**

**Hazard(s) not otherwise classified**

**(HNOC):**

**Supplemental information**

None known.

None.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

Chemical Name

Stabilizer

CAS #

Trade Secret

Concentration (w/w %)

0.1 - 1 %\*

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** \*US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.



#### 4. FIRST AID MEASURES

**General Advice:**

Have the product container, label or Safety Data Sheet with you when calling a poison control center, physician, or going for treatment. You may also contact PROPHARMA 1-888-271-4649 for emergency medical treatment information.

**If Inhaled:**

If symptoms develop move person to fresh air. If symptoms persist, obtain medical attention.

**If on Skin:**

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get Medical advice/attention. Take off contaminated clothing. Wash contaminated clothing before reuse.

**If in Eyes:**

Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

**If Swallowed:**

Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.

**Most important Symptoms / effects, acute and Delayed:**

Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

**Indication of any immediate medical attention and special treatment needed:**

Provide general supportive measures and treat symptomatically.

---

#### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:**

Water fog. Foam. Dry chemical powder. Carbon dioxide.

**Unsuitable extinguishing media:**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:**

During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions:**

Move containers from fire area if you can do so without risk.

**Specific methods:**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:**

No unusual fire or explosion hazards noted.

**Hazardous combustion products:**

May include and are not limited to: Oxides of carbon.

---

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, (see section 8 of the SDS).

**Methods and materials for containment and cleaning up:**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions:**

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.



## 7. HANDLING & STORAGE

### Precautions for safe handling:

Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat, drink, or smoke.

### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry area at room temperature, and away from direct sunlight. Store away from incompatible materials (see Section 10 of the SDS). Keep container tightly closed and upright to prevent leakage and contamination. To prevent contamination, maintain pump suction tube in a sanitary condition. Keep out of reach of children and livestock.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No occupational exposure limits noted for the ingredient(s).

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Eye fountain and washing facilities should be available.

#### Skin protection

##### Hand protection

##### Other

Impervious gloves. Confirm with reputable supplier first. Use of protective clothing (long sleeve shirt and pants). As required by employer code.

#### Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134).

#### Thermal hazards

Not applicable.

### General hygiene considerations

Use good industrial hygiene practices in handling this material. When using do not eat, drink, or smoke. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid	<b>Upper/Lower flammability limits:</b>	Not available
<b>Appearance:</b>	Clear amber	<b>Vapor pressure:</b>	Not available
<b>Odor:</b>	Waxy, citrus	<b>Vapor density: (air =1)</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Specific Gravity: (H<sub>2</sub>O = 1)</b>	0.99 – 1.01
<b>pH:</b>	10.1 -10.5	<b>Solubility:</b>	Miscible with water
<b>Melting/Freezing point:</b>	Not available	<b>Partition coefficient (n-octanol-water):</b>	Not available
<b>Pour Point</b>	Not available	<b>Auto-ignition temperature:</b>	Not available
<b>Initial boiling point and boiling range:</b>	212°F (100°C)	<b>Decomposition temperature:</b>	Not available
<b>Flash point:</b>	Not flammable.	<b>Viscosity (cPs) Ostwald 25C):</b>	1 -25
<b>Evaporation rate:</b>	Not available	<b>Explosive properties</b>	Not explosive.
<b>Flammability (solid, gas):</b>	Not applicable	<b>Oxidizing properties</b>	Not oxidizing.

## 10. STABILITY & REACTIVITY

### Reactivity hazards:

This product may react with strong oxidizing agents.

### Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

### Chemical stability:

Stable under recommended storage conditions.

### Conditions to avoid:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not mix with other chemicals.

### Incompatible materials:

Strong acids.





**14. TRANSPORT INFORMATION**

**Transport of Dangerous Goods (TDG) Proof of Classification**

Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

**U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

**15. REGULATORY INFORMATION**

**US FEDERAL REGULATIONS** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**  
Not listed.

**SARA 304 Emergency Release Notification**  
Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**  
Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 302 Extremely hazardous substance** No  
**Classified Hazard Categories** Skin Corrosion or irritation  
Respiratory or skin sensitization  
Not regulated.

**SARA 313 (TRI reporting)**

**OTHER FEDERAL REGULATIONS**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
Not regulated.  
**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  
Not regulated.

**US STATE REGULATIONS**

**US - Texas Effects Screening Levels: Listed substance**  
Stabilizer (CAS Trade Secret) Listed.  
**US. California Proposition 65**  
Not listed.

**Inventory status**

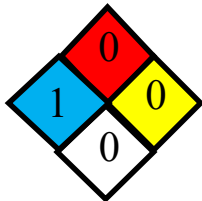
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. OTHER INFORMATION**

**HMIS Ratings:** Health – 1 Flammability – 0 Reactivity – 0

**NFPA Ratings:**



The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, Pace International, LLC and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, neither Pace International, LLC nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. It is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact Pace International, LLC to confirm that you have the most current product label and SDS.



This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information is set forth on the labeling and the SDS.

**SDS preparation date:** May 22, 2023

**Replaces SDS dated:** ---

**Version No.** 1

**Changes since last revision:** New sds

