

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: PacRite® Durafresh
Product Code: 10153
Product Use: Protective Coating for Fruits and Vegetables
Product Restrictions: For Agriculture Use Only
Manufacturer/Importer/Supplier/Distributor information
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)
Supplier: See above

2. HAZARDS IDENTIFICATION

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

Classification:
Physical Hazard, Not classified.
Health Hazard, Aspiration Hazard,
Category 1
Environmental Hazard, Not
classified.

Hazard Symbols:



Signal Word:
DANGER

Hazard Statements:
H304 May be fatal if swallowed and
enters airways

Hazard(s) not otherwise classified (HNOC): None known.

Supplemental Information: None.

Precautionary Statements:

Prevention Statements:
Observe good industrial hygiene practices.

Response Statements:
Wash thoroughly after handling this product.
P301/316 IF SWALLOWED: Get emergency medical help immediately.
P331 Do NOT induce vomiting.

Storage Statements:
P403/233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS #	%
White mineral oil (petroleum)	8042-47-5	80 – 100*
Petrolatum	8009-03-8	1 – 5*

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.

Skin contact: IF ON SKIN: Take off immediately all contaminated clothing. Wash skin with plenty of soap and water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact: IF IN EYES: Hold eye open and rinse cautiously with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes if easy to do, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion:	Immediately call a POISON Center/Doctor. Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing.
Most important Symptoms / effects, acute and delayed	Aspiration may cause pulmonary oedema and pneumonitis. Direct contact with the eyes may cause temporary irritation.
Indication of any immediate medical attention and special treatment needed:	Symptoms may be delayed. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide (CO2), water spray, alcohol foam, dry chemical powder.
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher, as this will spread the fire.
Special Hazards Arising from the Chemical:	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters:	Firefighters must wear full protective clothing including self-contained breathing apparatus.
Firefighting equipment/instructions:	Water spray may be used to keep fire exposed containers cool. 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. 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 Clean-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. Never return spills to original containers for re-use. For waste disposal, see section 13 of SDS.
Environmental Precautions:	Avoid discharge into drains, water courses or onto the ground.

7. HANDLING & STORAGE

Precautions for Safe Handling:	Do not get in eyes, on skin or on clothing. Avoid breathing vapor or mist. Do not taste or swallow. Observe good industrial hygiene practices. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
Conditions for Safe Storage, including any Incompatibilities:	Store locked up. Keep container tightly closed in a cool, dry and well-ventilated area. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Petrolatum (CAS# 8009-03-8)	PEL	5 mg/m3	Mist
White mineral oil (petroleum) (CAS# 8042-47-5)	PEL	5 mg/m3	Mist

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Petrolatum (CAS# 8009-03-8)	TWA	5mg/m3	Inhalable fraction.
White mineral oil (petroleum) (CAS# 8042-47-5)	TWA	5mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Petrolatum (CAS# 8009-03-8)	STEL	10 mg/m3	Mist
	TWA	5 mg/m3	Mist
White mineral oil (petroleum) (CAS# 8042-47-5)	STEL	10 mg/m3	Mist
	TWA	5 mg/m3	Mist

Biological Limit Values: No biological exposure limits noted for the ingredients.

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 wash station and washing facilities should be available.

Skin protection

Hand protection: Wear nitrile, neoprene, vinyl (PVC), or rubber gloves.

Other: Wear protective clothing (long sleeved shirt, pants, and shoes).

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: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid	Upper/Lower flammability or exposure limits:	Not available
Appearance / Color:	Colorless, slightly hazy	Vapor pressure:	Not available
Odor:	Odorless	Vapor density: (air =1)	Not available
Odor threshold:	Not available	Specific Gravity: (H₂O = 1)	0.83 – 0.87 (20°C)
pH:	Not available	Solubility:	Miscible in water
Melting/Freezing point:	Not available	Partition coefficient (n-octanol-water):	Not available
Initial boiling point and boiling range:	Not available	Auto-ignition temperature:	Not available
Flash point:	Not flammable	Decomposition temperature:	Not available
Evaporation rate:	Not available	Viscosity:	15 – 40 mm ² /s
Flammability (solid, gas):	Not applicable	Explosive Properties:	Not explosive
		Oxidizing Properties:	Not oxidizing

10. STABILITY & REACTIVITY

Reactivity hazards:	This product is stable and non-reactive under normal conditions of use, storage and transport.
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Material is stable under normal conditions.
Conditions to avoid:	Keep away from heat / hot surfaces / sparks / open flames / and other ignition sources.
Incompatible materials:	Strong oxidizing agents. Strong acids.
Hazardous decomposition products:	May include and are not limited to: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.	
Information on likely routes of exposure		
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause serious chemical pneumonia.	
Inhalation	Prolonged inhalation may be harmful.	
Skin contact	Prolonged or repeated contact may dry skin and cause irritation,	
Eye contact	Direct contact with eyes may cause temporary irritation.	
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary oedema and pneumonitis.	
Information on toxicological effects		
Acute toxicity	May be fatal if swallowed and enters airways.	
Components	Species	Test Results
Components	Species	Test Results

Petrolatum (CAS# 8009-03-8)

Acute		
<i>Dermal</i>		
LD50	Rat	>2000 mg/kg, 24 hours, ECHA
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	>5000 mg/kg, ECHA

Components	Species	Test Results
White mineral oil (petroleum) (CAS# 8042-47-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	>2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	>5 mg/L, 4 Hours, ECHA
<i>Oral</i>		
LD50	Rat	>5000 mg/kg, ECHA
Skin corrosion/irritation:	Prolonged skin contact may cause temporary irritation.	
Exposure minutes	Not available	
Erythema value	Not available	
Oedema value	Not available	
Serious eye damage/eye irritation:	Direct contact with eyes may cause temporary irritation.	
Corneal opacity value	Not available	
Iris lesion value	Not available	
Conjunctival reddening value	Not available	
Conjunctival oedema value	Not available	
Recover days	Not available	
Respiratory sensitization:	Not a respiratory sensitizer.	
Skin sensitization:	This product is not expected to cause skin sensitization.	
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic	
Carcinogenicity:	See below	

IARC Monographs. Overall Evaluation of Carcinogenicity

Petrolatum (CAS# 8009-03-8)	Volume 33, Supplement 7-3 Not classifiable as to carcinogenicity to humans.
White mineral oil (petroleum) (CAS# 8042-47-5)	Volume 33, Supplement 7-3 Not classifiable as to carcinogenicity to humans.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not listed.

Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Teratogenicity:	Not available.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity - repeated exposure:	Not classified.
Aspiration hazard:	May be fatal if swallowed and enters airways.
Chronic effects:	Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity	See below.
Persistence/ degradability:	No data is available on the degradability of any ingredients in the mixture.
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Mobility in general:	Not available.
Other adverse effects:	No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal instructions:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Disposal should be made in accordance with applicable regional, national and local laws and regulations.
Local disposal Regulations	Dispose of in accordance with local regulations.
Hazardous waste code	This product, in its original form and concentration, would not designate as a US federal hazardous waste when disposed.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be

Contaminated packaging

disposed of in a safe manner (see: Disposal instructions).
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Transport of Dangerous Goods (TDG) Proof of Classification Classification method: Classified according to Part 2, sections 2.1-2.8 of the Regulations for the transport of dangerous goods. If applicable, the technical name and product classification 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
SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Aspiration hazard
SARA 313 (TRI reporting)	Not regulated

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 - California Hazardous Substances (Director's): Listed substance

Petrolatum (CAS# 8009-03-8)	Listed
White mineral oil (petroleum) (CAS# 8042-47-5)	Listed

US - Minnesota Haz Subs: Listed substance

Petrolatum (CAS# 8009-03-8)	Listed
White mineral oil (petroleum) (CAS# 8042-47-5)	Listed

US - Texas Effects Screening Levels: Listed substance

Petrolatum (CAS# 8009-03-8)	Listed
White mineral oil (petroleum) (CAS# 8042-47-5)	Listed

US. Massachusetts RTK - Substance List

Petrolatum (CAS# 8009-03-8)	
White mineral oil (petroleum) (CAS# 8042-47-5)	

US. Pennsylvania Worker and Community Right-to-Know Law

Petrolatum (CAS# 8009-03-8)	
White mineral oil (petroleum) (CAS# 8042-47-5)	

US. Rhode Island RTK

Petrolatum (CAS# 8009-03-8)	
White mineral oil (petroleum) (CAS# 8042-47-5)	

US. California Proposition 65
This product is not subject to warning labeling under the California Proposition 65 regulation.

Inventory status

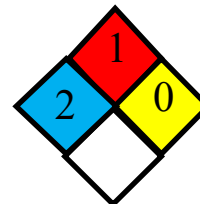
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

16. OTHER INFORMATION

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	



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 are set forth on the labeling and the SDS.

SDS preparation date: September 23, 2025

Replaces SDS dated: October 31, 2023

Changes since last revision: Rebranding

Version: 3