



Safety Data Sheet

Preparation Date 02-Apr-2015

Revision date 01-Dec-2015

Revision Number: 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product Description: VEGETABLE LUSTR® 227F

Other means of identification

Item#: 24227F

Synonyms: Not Available

Recommended use of the chemical and restrictions on use

Recommended use: Post Harvest coating for fruits and vegetables.

Uses advised against: Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet

Manufacturer Address

DECCO

Decco U.S. Post Harvest, Inc.

1713 S. California Ave.

Monrovia, CA 91016-0120

Emergency telephone number

Company Phone Number: 626-358-1838

8:00 am - 5:00 pm (PST)

2. Hazards Identification

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Label elements

EMERGENCY OVERVIEW

appearance: clear Colorless

Physical state: liquid

Odor: No information available

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

3. Composition/information on Ingredients

Chemical name	CAS-No	Weight %	Trade secret
White mineral oil	8042-47-5	>60	

The product contains no substances which at their given concentration, are considered to be hazardous to health under the OSHA 2012 HazCom.

4. First aid measures

FIRST AID MEASURES

Eye contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. If symptoms persist, call a physician.
Skin contact	Rinse skin immediately with plenty of water for 15-20 minutes. If skin irritation persists, call a physician.
Inhalation	If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Clean mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most Important Symptoms and Effects, Both Acute and Delayed

Most Important Symptoms and Effects No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician No information available.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Avoid breathing fumes from fire exposed material.

Explosion data**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes.

Environmental Precautions

Environmental precautions Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Methods and material for containment and cleaning up

Methods for Clean-Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

Handling Avoid contact with skin and eyes. Keep out of reach of children. Do not eat, drink or smoke

when using this product.

Conditions for safe storage, including any incompatibilities

Storage	Keep in a dry, cool and well-ventilated place. Store out of direct sunlight.
incompatible materials	No materials to be especially mentioned.

8. Exposure Controls/Personal Protection

Exposure guidelines

Engineering controls	Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.
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Personal protective equipment

Eye/Face Protection

Where there is potential for eye contact have eye flushing equipment available. Use eye protection to avoid eye contact. Safety glasses with side-shields.

Skin protection

Wear protective gloves/clothing. Chemical resistant gloves.

Respiratory protection

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	liquid	Odor	No information available
appearance	clear Colorless		
color	No information available		
Property	VALUES	Remarks/ • Method	
pH	No information available		
Melting point/freezing point	No information available		
Boiling Point/Range	No information available 665 °F		
Flash Point	> 224 °C 430 F	Tag Closed Cup	
Evaporation Rate	No information available		
flammability (solid, gas)	No information available		
Flammability limit in air			
Upper Flammability Limit	No information available		
Lower Flammability Limit	No information available		
vapor pressure	No information available		
Vapor Density	>1		
Specific gravity	0.86		
Water solubility	No information available		
Solubility in Other Solvents	No information available		
Partition coefficient: n-octanol/water	No information available		
Autoignition temperature	No information available		
decomposition temperature	No information available		
Viscosity, kinematic	No information available		
Dynamic viscosity	No information available		

Explosive properties No information available
Oxidizing properties No information available

OTHER INFORMATION

Softening point No information available
molecular weight No information available
VOC Content No information available
density No information available
Bulk density 7.2 lbs/gal

10. Stability and Reactivity**Reactivity**

no data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Keep away from children. Extremes of temperature and direct sunlight.

incompatible materials

No materials to be especially mentioned.

Hazardous decomposition products

No information available.

11. Toxicological Information**Information on Likely Routes of Exposure**

Inhalation There is no data available for this product.
Eye contact There is no data available for this product.
Skin contact There is no data available for this product.
Ingestion There is no data available for this product.

Component Information

White mineral oil
 Human exposure through oil based nose drops or oral administration leading to aspiration caused lipid pneumonia, a localized tissue reaction. Long-term inhalation by dogs, rats, mice and gerbils caused changes in lung tissue.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
White mineral oil 8042-47-5	> 5000 mg/kg (Rat)	-	-

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization No information available.
Mutagenic effects No information available.
Carcinogenicity There are no known carcinogenic chemicals in this product.
Reproductive effects Not Available.
STOT - Single Exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical Measures of Toxicity - No information available

12. Ecological Information

ecotoxicity

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence/Degradability

No information available.

Bioaccumulation/ Accumulation

Bioaccumulative potential.

Chemical name	Log Pow
White mineral oil 8042-47-5	>6

Other Adverse Effects

No information available

13. Disposal Considerations

Waste Treatment Methods

Waste Disposal Method Dispose of in accordance with all applicable federal, state, and local laws and regulations.

Contaminated packaging Do not reuse empty containers.

14. Transport Information

DOT NOT REGULATED

TDG NOT REGULATED

IATA NOT REGULATED

IMDG/IMO NOT REGULATED

15. Regulatory Information

International Inventories

USINV	Not determined
DSL/NDL	Not determined
EINECS/ ELINCS	Complies
ENCS	Does not comply
China	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
TSCA	Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous

Categorization

Acute health hazard	yes
Chronic health hazard	NO
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

RCRA

Pesticide Information

State Regulations

State Right-to-Know

International regulations

U.S. EPA Label information

EPA Pesticide registration number Not applied

16. Other Information

NFPA **HEALTH** 1 **flammability** 1 **Instability** 0 **Physical hazard** -

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Revision Summary

Update section 1 Update Section 9

Disclaimer

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return product at once, unopened, and the purchase price will be refunded. It is impossible to eliminate all risks associated with the use of this product. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Decco US Post-Harvest, Inc. harmless from any claims relating to such factors.

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End of MSDS