



Safety Data Sheet

Optimum No Rinse Wash & Shine

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System

Date of Revision: 03/04/2025

Revision: 04

Section 1 - Chemical Product and Company Identification

1.1 Product Name: Optimum No Rinse Wash & Shine

1.2 Synonym: Blend

1.3 Optimum Polymer Technologies, Inc., 5768 Distribution Drive, Memphis, TN 38141, 901.363.4955, Email: info@optimumcarcare.com

1.4 Recommended Use: **No Rinse Wash & Shine**

1.5 RESTRICTIONS on USE **None**

1.6 Emergency Response Number: CHEMTREC 1-800-424-9300 US and Canada

Local Emergency Telephone Number: 1-703-527-3887

1.7 24 Hour Emergency Assistance: 1-901-292-4324

Section 2 - Hazards Identification

2.1 GHS HAZARD

Hazard Classes

Eye Irritation
Skin Irritation

Hazard Categories

Category 2
Category 2

2.2 Signal Word: **Warning**



Irritant



Keep away from children.

2.3 Pictograms:

2.4 Hazard Statements

PHYSICAL HAZARDS:

None

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HEALTH HAZARDS

H315: Causes skin irritation.

H319: Causes serious eye irritation.

ENVIRONMENTAL HAZARDS:

None

PRECAUTIONARY STATEMENTS:

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P280: Wear skin, eye, glove, and face protection.

RESPONSE STATEMENTS:

P302+P352: IF ON SKIN. Wash with plenty of water.

P305+P351: IF IN EYES: Rinse cautiously with water for at least 15 minutes. If present, remove contact lenses if easy to do so

P313+P332: If skin irritation occurs. Get medical attention.

P313+ P337: If eye irritation persists. Get medical attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

STORAGE STATEMENTS:

None

DISPOSAL STATEMENTS:

P501: Dispose of content and container following local, regional, national, or international regulations.

2.5 Hazards not otherwise classified (HNOC) or not covered by GHS: None

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Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC/ List #	Chemical Names	Percent	GHS Classification
68919-53-9	272-898-4	Fatty acids, soya, Me esters	1-5	Not Classified
67784-80-9	267-055-2	Soybean oil, Me ester	1-5	Not Classified
N/A	N/A	Mulberry Fragrance Allergens 120-51-4 Benzyl Benzoate 77-83-8 Aldehyde C-16 5989-27-5 d Limonene	0.1 -0.3% 0.1% 0.1% 0.1%	Benzyl Benzoate – Acute Tox.4 H302, Aquatic Chronic 2 H411 Aldehyde C-16 , Skin Sens. 1 H317, Aquatic Chronic 2 H411 d Limonene - Flam. Liq. 3 H226 Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410
67-63-0	200-661-7	Propan-2-ol	0.1-1.00	Flam. Liq. 2 H225, Eye Irrit. H319, STOT SE 3 H336
1095-66-5	214-139-1	Oleic acid, compound with morpholine (1:1)	0.1-1.00	Skin Irrit H315, Eye Irrit. H2A H319
56-81-5	200-289-5	Glycerol	0.1-1.00	Not Classified
100-52-7	202-860-4	Benzaldehyde	0.11-0.14	Acute Tox. H302
628-63-7	211-047-3	Pentyl acetate	.09-0.2	Flam. Liq 3 H226
N/A	N/A	FD&C Blue No.1 Powder	.02-.04	Not Classified
7732-18-5	231-791-2	Water	89.9- 93.3	Not Classified

3.2 Trade Secret Provision and Chemical Concentration Disclosure: Per OSHA and GHS Regulations, we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a range and apply to the hazards identified in this Safety Data Sheet.

Section 4 - First Aid Measures

4.1 Eye: Contact with the eyes can irritate. Symptoms may include discomfort or pain and redness.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

4.2 Skin: Contact can cause skin irritation.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately and wash clothing before reuse.

4.3 Ingestion: Causes headache, gastrointestinal pain, and nausea.

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Ingestion: Do NOT induce vomiting. Get medical aid immediately.

4.4 Inhalation: Can produce headaches, dizziness, nausea, and impaired vision.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation without protection.

4.5 After first aid, get appropriate paramedic or community medical support. The severity of the outcome following exposure may be more related to the time between exposure and treatment than the amount of exposure. Therefore, there is a need for rapid treatment of any exposure.

4.6 Note to Physicians: If you determine that a medical emergency exists and the specific chemical identity is necessary for emergency or first-aid treatment, we will immediately disclose the specific chemical identity. Call CHEMTREC 800-424-9300 or 703-527-3887. As soon as circumstances permit, we require a written statement of need and confidentiality agreement, per OSHA's Trade Secret Regulations. In non-emergency situations, we will, upon written request, disclose a specific chemical identity.

Section 5 - Fire-Fighting Measures

5.1 General Fire Hazards: Use water to cool containers exposed to fire.

5.2 Hazardous Combustion Products: Avoid fumes of burning products.

5.3 Extinguishing Media: Carbon dioxide, dry chemical, foam.

5.4 Fire Fighting Equipment/Instructions: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing and avoid inhaling combustion products.

Section 6 - Accidental Release Measures

6.1 Spill /Leak Procedures: Avoid breathing vapors.

6.2 Spills: Contain and collect spillage with absorbent material such as sand, earth, vermiculite, or diatomaceous earth and place it in a container for disposal.

Section 7 - Handling and Storage

7.1 Handling Precautions: Wash hands and exposed skin thoroughly after handling. Remove contaminated clothing and wash it before reuse. Use with adequate ventilation. Avoid ingestion and contact with eyes, skin, or clothing. Avoid inhalation.

7.2 Storage Requirements: Keep the container tightly closed. Store locked up in a well-ventilated place.

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Section 8 - Exposure Controls / Personal Protection

8.1

Chemical Names	ACGIH- TLV	OSHA - PEL
Fatty acids, soya, Me esters	None Shown	None Shown
Soybean oil, Me ester	None Shown	None Shown
Benzyl Benzoate	None Shown	None Shown
Aldehyde C-16	None Shown	None Shown
d Limonene		
Propan-2-ol	200 ppm TWA	200 ppm TWA
Oleic acid, compound with morpholine (1:1)	None Shown	None Shown
Glycerol	10mg/m3 TWA	15mg/m3 TWA
Benzaldehyde	None Shown	None Shown
Pentyl acetate	50 ppm TWA	100 ppm TWA
FD&C Blue No.1 Powder		

8.2

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.

OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.

NOTE: TWA Means "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour workweek which shall not be exceeded.

8.3 Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below TLV/PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

8.4 Contaminated Equipment: Separate contaminated work clothes from street clothes and launder before reuse. Remove this material from your shoes and clean personal protective equipment.

8.5 Personal protective equipment

8.5.1 Respiratory protection

Where risk assessment shows appropriate air-purifying respirators, use a full-face respirator with a multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

8.5.2 Hand protection

Handle with gloves. Gloves must be inspected before use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use. Select gloves tested to the **ANSI/ISEA 105-2011** or European EN374 Standard.

Full contact: Viton

Splash contact: Viton

Registered trademark of The Chemours Company FC, LLC.

8.5.3 Eye protection

Safety glasses. Use eye protection equipment tested and approved under appropriate government standards, such as NIOSH (US) or EN 166(EU).

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8.5.4 Skin and body protection

Impervious protective clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.6 Protective Clothing Pictograms



Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid

Appearance: Opaque Blue

Odor: Mild

Vapor Pressure: Not Available

Vapor Density (Air=1): Not Available

Specific Gravity (H₂O=1): 1.00

Relative Density: Not Available

Odor Threshold: Not Available

Flammability (solid, gas): Not Applicable

Evaporation rate: Not Available

Partition coefficient octanol/water: Not Available

Water Solubility: 100%

Flash Point: Not Available

Boiling Point: 212°F, (100 °C)

Freezing/Melting Point: 32°F, 0 °C

LEL: Not Available

UEL: Not Available

Viscosity: Not Available

Autoignition Temperature: Not Available

Decomposition temperature: Not Available

pH: 7

Grams VOC less water: 5g

Section 10 - Stability and Reactivity

10.1 Stability: Stable under ordinary conditions of use and storage.

10.2 Polymerization: Hazardous polymerization has not been reported.

10.3 Chemical Incompatibilities: Strong oxidizing agents.

10.4 Hazardous Decomposition Products: Carbon monoxide.

10.5 Conditions to Avoid: Avoid freezing.

Section 11- Toxicological Information

11.1

Acute Toxicity Estimate for this blend (ATE)

ATE (Oral): No indication of a significant effect on humans.

ATE (Dermal): No indication of a significant effect on humans.

ATE (Inhalation vapor/mist): No indication of a significant effect on humans.

11.1.1 OECD Guideline Test results in the European Chemical Agency Database show that no components cause Oral Toxicity.

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11.11.2 OECD Guideline Test results in the European Chemical Agency Database show that no components cause Inhalation Toxicity.

11.11.3 OECD Guideline Test results in the European Chemical Agency Database show that no components cause Dermal Toxicity.

11.2 Route of Entry: Skin and Eye Contact.

11.3 Aspiration Hazard: The European Chemical Agency Database shows that no components of this product may be fatal if swallowed and enters the airways.

11.4 Mutagenicity: OECD Guideline Test results found in the European Chemical Agency Database show that no components of this product cause genetic defects.

11.5 Skin Corrosion/Irritation: OECD Guideline Test results found in the European Chemical Agency Database Base show that components of this product cause skin irritation.

11.6 Serious Eye Damage/Irritation: The OECD Guideline Test results found in the European Chemical Agency Database show that components of this product cause eye irritation.

11.7 Reproductive toxicity: OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause damage to fertility or the unborn child.

11.8 Skin Sensitization OECD Guideline Test results found in the European Chemical Agency Database show that this product contains no components that cause skin sensitivity.

11.9 Respiratory Sensitization OECD Guideline Tests results found in the European Chemical Agency Database show no components of this product to cause respiratory sensitivity.

11.10 Specific Target Organ Toxicity (Single Exposure): Skin and Eyes.

11.11 Target Organ Toxicity (Repeated Exposure): Skin and Eyes.

11.12 Signs and Symptoms: Include discomfort or pain and redness.

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11.13 Carcinogenicity: OECD Guideline Test results found in the European Chemical Agency Data Base show that no components of this product cause cancer.

Chemical Name	IARC	ACGIH	NTP	OSHA
Fatty acids, soya, Me esters	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Soybean oil, Me ester	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Benzyl Benzoate	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Aldehyde C-16	Not classifiable as to carcinogenicity to humans	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
d Limonene	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Propan-2-ol	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Oleic acid, compound with morpholine (1:1)	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Glycerol	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Benzaldehyde	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
Pentyl acetate	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%
FD&C Blue No.1 Powder	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%	No component of this product is present at levels greater than or equal to 0.1%

Section 12 - Ecological Information

12.1

Product Name	Results	Species	Exposure
Fatty acids, soya, Me esters	None Shown		
Soybean oil, Me ester	LC50 1000 mg/l	Fish	96 hours
Benzyl Benzoate	LC50 2.32 mg/l	Fish	96 hours
Aldehyde C-16	None Shown		

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d Limonene	None Shown		
Propan-2-ol	LC50 9640mg/l	Fish	96 hours
Oleic acid, compound with morpholine (1:1)	None Shown		
Glycerol	None Shown		
Benzaldehyde	None Shown		
Pentyl acetate	LC50 65mg/l	Fish	96 hours
FD&C Blue No.1 Powder	None Shown		

Toxicity: OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause long-term toxicity to aquatic life. However, an environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

12.2 Mobility: Inconclusive technical data.

12.3 Persistence/degradability: Inconclusive technical data.

12.4 Bioaccumulation: Inconclusive technical data.

12.5 Other adverse effects: Inconclusive technical data.

Section 13 - Disposal Considerations

13.1 Disposal: DO NOT REUSE EMPTY CONTAINER! The container should be emptied before discarding. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

14.1 US Transport Information
Not regulated

Section 15 - Regulatory Information

15.1 US Regulations

US. Toxic Substances Control Act: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

Toxic Release Inventory (TRI): This product doesn't contain chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know- Act of 1986 (40 CFR 372).

CERCLA Hazardous Substances and corresponding RQs: Pentyl acetate 5000 lbs.

SARA Community Right-to-Know Program: All components in this blend

Clean Water Act: None

Clean Air Act: None

OSHA: All ingredients are regulated by 29 CFR 1910.1200.

State Regulations

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California prop. 65: None

Chemicals on the following State Right to Know Lists:

Massachusetts: All components of this product are on the Massachusetts Inventory or are exempt from Inventory requirements.

New Jersey: All components of this product are on the New Jersey inventory or are exempt from Inventory requirements.

Pennsylvania: All components of this product) are on the Pennsylvania Inventory or are exempt from Inventory requirements.

Section 16 - Other Information

16.1 Disclaimer: The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO responsibility is assumed for any damage or injury resulting from abnormal use or failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall determine the product's suitability for their particular purpose and that they assume the risk of its use.

16.2 References: CHEMpendium database of the European Chemical Agency Data Base, and MSDS and SDS of chemicals in this mixture.

16.3 SJC Compliance Education Inc. (SJC) did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by Optimum Polymer Technologies, Inc. or was reproduced from publicly available regulatory data sources and product SDSs. SJC makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability concerning the use of this information or the substance described in this SDS.

16.4 SDS Preparation Date 04/14/2014

SDS Previous Issue Date: None

SDS Revision Date: 12/9/2019 Revised Sections: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

SDS Revision Date: 12/16/2019 Revised Section: 16

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END OF SAFETY DATA SHEET