

Delta Mist® Surface Rejuvenator

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Date of issue: 08/15/2023 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: Delta Mist® Surface Rejuvenator

1.2. Intended Use of the Product

Asphalt Additive

1.3. Name, Address, and Telephone of the Responsible Party

Company:

Russell Standard
285 Kappa Drive
Suite 300
Pittsburgh, PA 15238

Directory: (800) 323-3053
Main: (412) 449-0700
Fax: (412) 449-0704

www.russellstandard.com

1.4. Emergency Telephone Number

Emergency Number: (800) 255-3924 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Physical Hazard: Not Classified
Health Hazard: Not Classified
Environmental Hazard: Not Classified

2.2. Label Elements

Not Applicable

2.3. Other Hazards

Materials soaked with product such as rags, steel wool, paper, and clothing may spontaneously ignite if improperly stored or discarded.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%
Water	(CAS No) 7732-18-5	80 - 95
Trade Secret #1	—	5 - 20
Trade Secret #2	—	0 - 5
Trade Secret #3	—	0 - 1

The specific chemical identities and percentages of composition are considered a trade secret. Health & safety information of the mixture as a whole and its components are included within the SDS.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Inhaled: Move to fresh air.

Skin contact: Wash off effected area immediately with plenty of soap and water.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Swallowed: Not for human consumption. Rinse out mouth with water.

General advice: When symptoms persist or in all cases of doubt seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Contact with eyes may cause irritation.

Prolonged or excessive contact with skin may result in irritation.

Excessive inhalation of mist may result in respiratory irritation.

Ingestion may cause gastrointestinal disturbance.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1.1. Extinguishing Media

Dry chemical. Carbon dioxide (CO₂). Foam. Water spray. Fog. Sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.1.2. Unsuitable Extinguishing Media

Not applicable.

5.2. Special Hazards Arising From the Substance or Mixture

Risk of ignition. Rags and other combustible materials soaked with this product may heat and spontaneously ignite. Store wiping rags and similar materials in metal cans with tightly fitting lids and/or avoid bunching such materials together in clumps or multiple stacked layers.

5.3. Advice for Firefighters

Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Use appropriate personnel protective equipment. Material can create slippery conditions.

6.2. Environmental Precautions

Prevent further leakage or spillage if safe to do so. Contain spilled material and prevent from spreading.

6.3. Methods and Material for Containment and Cleaning Up

Use absorbent pigs, socks, and skimmers to contain. Soak up remaining materials with inert absorbents. Collect and properly dispose of any used absorbents.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Ensure adequate ventilation. Avoid breathing vapors or mists. Avoid contact with skin, eyes, and clothing.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed in a well-ventilated place. Rags and other combustible materials soaked with this product may heat and spontaneously ignite. Store used wiping rags and similar materials in metal cans with tightly fitting lids and/or avoid bunching such materials together in clumps or multiple stacked layers.

7.3. Product Quality

To maintain product quality avoid exposing the material to extended periods of high heat.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Component	CAS #	Value	Control parameters	Basis
Trade Secret #1 (when in form of airborne mist)	—	15 mg/m3 (mist)	8-hr TWA	OSHA PEL
		5 mg/m3 (respirable)	8-hr TWA	OSHA PEL
		10 mg/m3 (mist)	8-hr TWA	ACGIH TLV

8.2. Exposure Controls

Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

8.3. Individual Protection Measures, Such as Personal Protective Equipment

Eye & Face protection: If exposed to airborne mists, appropriate safety goggles are recommended.

Skin & Body Protection: Oil resistant gloves are recommended. Appropriate body protection should be selected based on activity, possible exposure, and the specific local conditions under which the product is used.

Respiratory protection: In case of mist, spray, or aerosol exposure in an enclosed area wear suitable personal respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance:

Form: Liquid

Color: White

Odor: Mild

Odor Threshold: No data available

pH: 2.5-3.0

Melting point: No data available

Boiling point: 100oC (212oF)

Flash point: 105oC

Evaporation rate: No data available
Flammability (solid, gas): No data available
Upper/lower flammability: No data available
Vapor pressure: No data available
Vapor density: No data available
Relative density: 0.99 g/ml
Water solubility: Not Applicable - Emulsion
Current Revision Date: 08052020
Partition coefficient: (n-octanol/water) No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: 2.6 cP

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical Stability

Stable under recommended storage conditions.

10.3. Possibility of Hazardous Reactions

No data available on mixture.

Rags and other combustible materials soaked with this product may heat and spontaneously ignite if improperly stored or discarded.

10.4. Conditions to Avoid

No data available

10.5. Incompatible Materials

Strong oxidizing agents. Strong bases, Iodine, Iron and Iron salts.

10.6. Hazardous Decomposition Products

Carbon oxides formed under fire conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute toxicity: No data available on mixture.

Component Trade Secret #3 has an Oral LD50 - 891mg/kg - rat

Skin corrosion/irritation: Prolonged or excessive contact with skin may result in mild irritation

Serious eye damage/irritation: Contact with eyes may cause mild irritation

Respiratory or skin sensitization: Excessive inhalation of mist may result in respiratory irritation

Germ cell mutagenicity: No data available on mixture. No component is identified as having germ cell mutagenicity.

Carcinogenicity: No component is identified as probable, possible or confirmed carcinogen at levels > or equal to 0.1% by IARC, NTP, or OSHA.

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Reproductive toxicity: No data available on mixture. No component is identified as having reproductive toxicity.

Specific Target Organ Toxicity – Single Exposure: No data available on mixture. No component is identified as having STOT-single exposure.

Specific Target Organ Toxicity – Repeated Exposure: No data available on mixture. No component is identified as having STOT-repeated exposure.

Aspiration hazard: No data available on mixture. No component is identified as having an aspiration hazard.

Other: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data available on mixture. Component Data as follows:

Component	Type	Value	Organism
Trade Secret #1	EC10	67000 mg/l	Microorganisms
Trade Secret #3	LC50	90 mg/l	Fish (Golden orfe)
	EC50	105 mg/l	Daphnia magna (Water flea)

12.2. Persistence and Degradability

Readily biodegradable

12.3. Bioaccumulative Potential

No data available

12.4. Mobility in Soil

No data available

12.5. Other Adverse Effects

Nothing specific known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Any waste product, including emptied containers, must be disposed of in accordance with federal, state and local environmental regulations.

13.2. Spill Cleanup Debris / Other

Rags, absorbents, and other combustible materials soaked with this product may heat and spontaneously ignite. To prevent this place in a sealed metal container for disposal or alternatively "dry out" soaked items prior to disposal while avoiding bunching them together in clumps or in multiple layers. All such waste, utilizing either methodology, must then be disposed of in accordance with federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Not regulated. Not a hazardous material.

14.2. In Accordance with IATA

Not regulated. Not dangerous goods.

14.3. In Accordance with IMDG:

Not regulated. Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

SARA 302 Components: No components are known to be subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: No components are known to be subject to the reporting requirements of SARA Title III, Section 313.

Clean Air Act Hazardous Air Pollutants (HAPs): No components are known to be listed as hazardous air pollutants under Section 112 of the Clean Air Act.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

16.1. NFPA 704 rating

Health Hazard 1

Flammability Hazard 1

Instability Hazard 0

Special Hazard –

16.2. Basis

This SDS has been authored to comply with the OSHA Hazard Communication Standard under 29 CFR 1910.1200 and in accordance with the guidelines under the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS), upon review of the component SDSs, product formulation, and available data.

16.3. Statement of Intent

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication/revision. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, and disposal and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process, unless specified in the text.