

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name: Delta Mist® HR Surface Rejuvenator
CAS#: NA – Mixture
Other Means of Identification: NA

1.2 Recommended uses: Asphalt Additive

1.3 Details of the safety data sheet supplier

Company: Collaborative Aggregates
100 Shoreline HWY STE B280, Mill Valley CA 94941
Telephone: 1-978-229-5403
Emergency telephone number: 1-978-229-5403

1.4

2.0 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

2.2 GHS Label element including precautionary statements: Not Applicable

2.3 Other hazards which do not result in classification:

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

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture:

Component	CAS-No	Weight %
Water	7732-18-5	40-60
Trade Secret #1	-----	40-60

Trade Secret #2	-----	0-5
Trade Secret #3	-----	0-2
Trade Secret #4	-----	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.

4.0 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.

5.0

FIREFIGHTING MEASURES

5.1.1 Suitable 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 Special protective equipment and precautions for firefighters: Not applicable.

6.0

ACCIDENTIAL 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 materials 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.

7.0 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.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters (e.g. occupational exposure limit values or biological limit values):

Component	CAS #	Value	Control parameters	Basis
Trade Secret #1	----	10 mg/m3 (mist)	8-hr TWA	OSHA PEL

(when in form of airborne mist)	5 mg/m3 (respirable)	8-hr TWA	OSHA PEL
	10 mg/m3 (mist)	8-hr TWA	ACGIH TLV

8.2 Appropriate engineering 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Form: Liquid Color: Off-white to pale yellow
b) Odor	Mild
c) Odor Threshold	No data available
d) pH	2.5-3.0
e) Melting point	No data available
f) Boiling point	100°C (212°F)
g) Flash point	105°C
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	0.99 g/ml
n) Water solubility	Not Applicable - Emulsion
o) Partition coefficient: (n-octanol/water)	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available

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.

11.	TOXICOLOGICAL INFORMATION	No data available on mixture.
	Acute toxicity:	Component Trade Secret #3 has an oral LD50 - 4720 mg/kg - rat Component Trade Secret #3 has a dermal LD50 - 3560 mg/kg - rabbit
	Skin corrosion/irritation:	Component Trade Secret #4 has an oral LD50 - 891mg/kg - rat Prolonged or excessive contact with skin may result in mild irritation.
	Serious eye damage/irritation:	Contact with eyes may cause 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.
	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.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

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	2.2-2.5 mg/L	Fish (Pimephales promelas)
	EC50	8.83 mg/L (48 hrs)	Microorganisms
	EC50	11 mg/L (24 hrs)	Daphnia magna (Water flea)
Trade Secret #4	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

DISPOSAL CONSIDERATIONS

13.

13.1 Product 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.

14.

TRANSPORT INFORMATION

Current Revision Date: 07242023

- 14.1 US Department of Transportation (US DOT):** Not Regulated. Not a hazardous material.
- 14.2 IATA:** Not Regulated. Not dangerous goods.
- 14.3 IMDG:** Not Regulated. Not dangerous goods.
-

REGULATORY INFORMATION

- 15. 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.

16. OTHER INFORMATION

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.

16.4 Revision Date: 7/24/2023

SAFETY DATA SHEET



UP-72

Version	Revision Date:	MSDS Number:	Date of last issue: 05/11/2015
1.1	05/28/2015	F00000805	Date of first issue: 05/11/2015

SECTION 1. IDENTIFICATION

Product name : UP-72

Product code : F00000805

Manufacturer or supplier's details

Company name of supplier : Ultrapave Corporation

Address : 1300 Tiarco Drive
Dalton GA 30721

Emergency telephone number : (CHEMTREC): (800) 424-9300 (CHEMTREC International):
(703) 527-3887 Industrial Health/Spill Emergency: (706) 277-
1300 Danny Welch (ehs@trcc.com)

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air in case of accidental inhalation of vapours.
Oxygen or artificial respiration if needed.
Call a physician or poison control centre immediately.
- In case of skin contact : Wash off immediately with soap and plenty of water while
removing all contaminated clothes and shoes.
If symptoms persist, call a physician.
- In case of eye contact : In case of eye contact, remove contact lens and rinse im-
mediately with plenty of water, also under the eyelids, for at least
15 minutes.
Keep eye wide open while rinsing.
Seek medical advice.

SAFETY DATA SHEET



UP-72

Version	Revision Date:	MSDS Number:	Date of last issue: 05/11/2015
1.1	05/28/2015	F000000805	Date of first issue: 05/11/2015

If swallowed : Do not induce vomiting without medical advice.
If conscious, drink plenty of water.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam
Carbon dioxide (CO2)
ABC powder
Water mist

Specific hazards during fire-fighting : Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to health.
Cool closed containers exposed to fire with water spray.
Do not allow run-off from fire fighting to enter drains or water courses.

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
Exposure to decomposition products may be a hazard to health.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Material can create slippery conditions.
Use non-slip safety shoes in areas where spills or leaks can occur.

Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not let product enter drains.
Do not allow contact with soil, surface or ground water.
Do not allow uncontrolled discharge of product into the environment.

Methods and materials for containment and cleaning up : Dam up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

SAFETY DATA SHEET



UP-72

Version	Revision Date:	MSDS Number:	Date of last issue: 05/11/2015
1.1	05/28/2015	F00000805	Date of first issue: 05/11/2015

Sweep up and shovel.
Pick up and transfer to properly labelled containers.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is not flammable. No special protective measures against fire required.
- Advice on safe handling : Wear personal protective equipment.
Handle with care.
Take care to avoid waste and spillage when weighing, loading and mixing the product.
- Conditions for safe storage : No smoking.
Keep in properly labelled containers.
Observe label precautions.
Keep containers tightly closed in a dry, cool and well-ventilated place.
- Materials to avoid : Do not freeze.
Keep away from food and drink.
Keep away from tobacco products.
-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

- Engineering measures** : Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Maintain air concentrations below occupational exposure standards.

Personal protective equipment

- Respiratory protection** : No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Use NIOSH approved respiratory protection.

- Hand protection**
Material : Impervious gloves

- Eye protection** : Safety glasses with side-shields
Tightly fitting safety goggles
Face-shield

SAFETY DATA SHEET



UP-72

Version 1.1	Revision Date: 05/28/2015	MSDS Number: F00000805	Date of last issue: 05/11/2015 Date of first issue: 05/11/2015
----------------	------------------------------	---------------------------	---

- Skin and body protection** : Chemical resistant apron
Footwear protecting against chemicals
Skin should be washed after contact.
Change working clothes after each workshift.
- Protective measures** : Avoid contact with skin.
When using do not eat, drink or smoke.
Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Hygiene measures** : Do not smoke.
Keep away from food and drink.
Avoid contact with skin, eyes and clothing.
Change working clothes after each workshift.
Remove and wash contaminated clothing and gloves, including the inside, before re-use.
-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : liquid
- Colour** : milky, white
- Odour** : mild, aromatic
- pH** : 9.5 - 11.5
- Melting point/range** : 0 °C
- Boiling point/boiling range** : > 212 °F
- Flash point** : No data available
- Vapour pressure** : 23 hPa
- Density** : 940 kg/m³
- Solubility(ies)**
- Water solubility** : completely miscible
- Solubility in other solvents** : Not applicable
- Partition coefficient: n-octanol/water** : No data available
- Explosive properties** : Not applicable

SAFETY DATA SHEET



UP-72

Version	Revision Date:	MSDS Number:	Date of last issue: 05/11/2015
1.1	05/28/2015	F00000805	Date of first issue: 05/11/2015

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Protect from frost.
Incompatible materials	: Oxidizing agents Strong acids and strong bases
Hazardous decomposition products	: Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), dense black smoke.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	: Remarks: This information is not available.
Acute inhalation toxicity	: Remarks: This information is not available.
Acute dermal toxicity	: Remarks: This information is not available.

Skin corrosion/irritation

Product:

Remarks: This information is not available.

Serious eye damage/eye irritation

Product:

Remarks: This information is not available.

Respiratory or skin sensitisation

Product:

Remarks: This information is not available.

Carcinogenicity

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcino-

SAFETY DATA SHEET



UP-72

Version 1.1	Revision Date: 05/28/2015	MSDS Number: F00000805	Date of last issue: 05/11/2015 Date of first issue: 05/11/2015
----------------	------------------------------	---------------------------	---

gen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Toxicity to algae : Remarks: No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Dispose of in accordance with local regulations.
Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging : Clean container with water.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

SAFETY DATA SHEET



UP-72

Version 1.1 Revision Date: 05/28/2015 MSDS Number: F00000805 Date of last issue: 05/11/2015
Date of first issue: 05/11/2015

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

49 CFR

Not regulated as a dangerous good

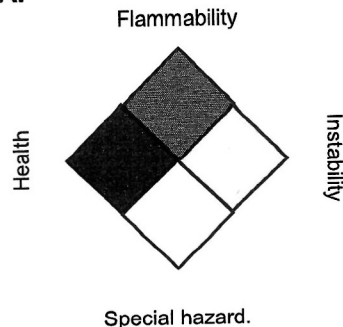
SECTION 15. REGULATORY INFORMATION

- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
- California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

SAFETY DATA SHEET



UP-72

Version	Revision Date:	MSDS Number:	Date of last issue: 05/11/2015
1.1	05/28/2015	F000000805	Date of first issue: 05/11/2015

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

US / EN