

SDS

Safety Data Sheet

SECTION 1: PRODUCT IDENTIFICATION

| | |
|----------------------------|--|
| Product Name | mPale |
| Product Code # | mPACTmPALE |
| CAS # | N/A |
| Manufacturer | mPact Environmental |
| Synonym | None |
| Chemical Name | mPale |
| Chemical Formula | N/A |
| Trade Secret | Yes |
| Date Revised | 04/04/2020 |
| Address | PO Box 277 Fountain Inn, SC 29644 |
| Phone | Local: (864) 862-5553 |
| Emergency Contact | CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924 NRC 1-800-424-8802 National Response Center (Coast Guard) Military 1-703-697-0218 Incidents involving explosives & ammunition D.O.D. 1-800-851-8061 Incidents of dangerous goods other than above |
| Recommended Use | N/A |
| Restrictions on Use | N/A |

SECTION 2: HAZARD(S) IDENTIFICATION

| | |
|----------------------------------|--|
| Classifications: | Eye Damage: Category 2B Aquatic Hazard – Acute: Category 3 |
| Pictograms: | N/A |
| Signal Word: | Warning |
| Hazard Statements: | Causes eye irritation. Harmful to aquatic life. |
| Precautionary Statements: | PREVENTION: P264: Wash hands thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention. P273: Avoid release to the environment. DISPOSAL: P501: Dispose of contents/container to Section 13. |

Percent of the mixture consisting of ingredient(s) of unknown toxicity: Not known

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Designation | % of Comp. | CAS No. |
|--|------------|------------|
| 3 (trihydroxysilyl) propyldimethyl octadecyl ammonium chloride | < 3.0% | 27668-52-6 |

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

Ingestion: May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting, and diarrhea. If swallowed, do not induce vomiting and seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard: No

Flash Point F(C): N/A

Flammable Limits: The greatest known range is LOWER: N/A UPPER: N/A

Extinguishing Media: Water Mist Foam Dry Powder CO2

Special protective Equipment and firefighting procedures: Use self-contained breathing apparatus (SCBA). Personal protection clothing should be worn by fire fighters involved in chemical fires.

Unusual Fire & Explosion: None noted.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid any uncontrolled release of material.

Spills / Leaks: Where spills are possible, a comprehensive spill response plan should be developed and implemented. Utilize recommended protective clothing and equipment.

SECTION 7: HANDLING & STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes skin and clothing.

Storage: Store in a sealed container in a cool, dry environment.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

OSHA Permissible Exposure Limits (PELs) : Not established

Threshold Limit Values (TLVs): Not established

Engineering Controls:
N/A

Personal Protective Equipment:

Face: N/A
Eyes: Safety Glasses
Skin: Gloves
Respiratory: N/A

Pictograms:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------------------|--------------|--|---------------|
| Appearance: | Clear liquid | Upper Flammability/Explosive Limit: | N/A |
| Odor: | Mild | Lower Flammability/Explosive Limit: | N/A |
| Odor Threshold: | N/A | Vapor Pressure: | N/A |
| pH: | 4 - 6 | Vapor Density: | N/A |
| Melting Point F(C): | N/A | Vapor Temperature: | N/A |
| Freezing Point F(C): | N/A | Relative Density/Specific Gravity: | 1.000 |
| Boiling Point F(C): | N/A | Solubility: | Water Soluble |
| Boiling Range: | N/A | Partition Coefficient: | N/A |
| Flash Point F(C): | >200oF | Auto-ignition temperature: | N/A |
| Flash Point Method used: | ASTM D93 | Decomposition temperature: | N/A |
| Evaporation Rate: | N/A | Viscosity: | N/A |
| Flammability: | Undetermined | VOC Content: | N/A |
| | | VOC Less Water & Exempts: | N/A |

SECTION 10: STABILITY AND REACTIVITY

| | |
|---------------------------------|---|
| Chemical Reactivity: | N/A |
| Chemical Stability: | Stable under normal ambient temperature and conditions. |
| Conditions to Avoid: | Anionic surfactants |
| Materials to Avoid: | Strong oxidizers |
| Hazardous Decomposition: | Oxides of carbon and nitrogen. |

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation**Description of effects from short- and long-term exposure:**

Adverse effects are not expected when this product is used in open areas. In the event a person has an existing sensitivity to products such as this, avoid using the product in enclosed areas where vapors may gather. If breathing becomes difficult or painful, consult a doctor.

Description of symptoms:

Prolonged or excessive inhalation may cause respiratory tract irritation.

Measure of toxicity:

Not known

Ingestion**Description of effects from short- and long-term exposure:**

Immediately consult a physician or poison control center. Follow the instructions given to you by the poison control center or physician.

Description of symptoms:

Not known

Measure of toxicity:

Not known

Eyes**Description of effects from short- and long-term exposure:**

If irritation should develop, flush eyes with water. If irritation persists, consult a doctor.

Description of symptoms:

Contact may cause eye irritation.

Measure of toxicity:

Not known

Skin

Description of effects from short- and long-term exposure:

This material should not cause irritation. In people with an existing sensitivity to such products, a reddening of the skin may occur. If irritation persists, consult a doctor.

Description of symptoms:

Not expected to present a hazard in normal industrial use.

Measure of toxicity:

Not known

Carcinogens listing:

NTP: No

IARC: No

OSHA: No

GHS: No

Chronic Toxicity: No

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: This product contains pesticides that are toxic to aquatic life. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless with accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent to sewer systems without notifying the local sewage treatment plant authority.

Inactivation of solutions containing this product may be accomplished by the addition of anionic surfactants in a quantity equivalent the percent active ingredients.

Biodegradability: Readily biodegradable

Bioaccumulation: Unlikely

SECTION 13: DISPOSAL CONSIDERATION

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 : TRANSPORT INFORMATION

Not regulated in transportation by DOT/IMO/IATA. Not classified as dangerous in the meaning of transport regulation.

Pictograms:

SECTION 15: REGULATORY INFORMATION

OSHA Regulated Hazard: No

DOT Regulated: No

E C Classification: Non-applicable
TSCA Status: In compliance with TSCA inventory requirements for commercial purposes
SARA 312 Regulated Chemical(s): No
SARA 313 Regulated Chemical(s): No
EPA Registration Number: 83129-1
California Prop. 65: None known
PA Right to know Chemical(s): None known
NJ Right to know Chemical(s): None known
Additional State Regulations: None known
Canada: Non-applicable

SECTION 16: OTHER INFORMATION

NFPA



HMIS

| | |
|---------------------|---|
| mPale | |
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | B |

The above Information is based on the present state of our knowledge of the product at the time of publication. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purposes.

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