

MATERIAL SAFETY DATA SHEET

Complies with EC Directives EC 91/155/EEC & 93/112/EC

1. Chemical Product and Company Identification

- | | |
|-----------------------------|---|
| 1.1. Product Name: | KURIFLOAT S-7170 |
| 1.2. Company Information: | KURITA AMERICA, INC.
1313 Valwood Pkwy., Suite 370
Carrollton, TX 75006 USA |
| 1.3. Points of Contact: | Telephone: 972-484-4438
FAX: 972-484-4445
Web: www.kuritaamerica.com |
| 1.4. Emergency Information: | CHEMTREC – 1-800-424-9300 |

2. Composition / Information on Ingredients

Partially neutralized aqueous formulation based on acrylic terpolymer sodium salt and a phosphonic acid.

- 2.1. This product is composed of the following ingredients:
- | | |
|---------------------|---------------|
| (a) Phosphonic acid | Proprietary % |
| (b) | |
- 2.2. Characterization of important components according to 2.1.:
- | COMPONENT | CAS-No. |
|---------------------|-----------|
| (a) Phosphonic acid | 2809-21-4 |
| (b) | |

3. Hazards Identification

Repeated or prolonged contact with the product may result in a weak, temporary irritation to the eyes and skin.

4. First Aid Measures

- | | | |
|---------------------------|---|---|
| 4.1. General Instructions | : | There is no general instruction necessary. |
| 4.2. Eye Contact | : | After separating the eyelids, flush with copious amounts of water. Contact an oculist, in case irritation persists. |
| 4.3. Skin Contact | : | Remove contaminated clothing, take a shower, thoroughly wash affected skin with soap & water. |
| 4.4. Ingestion | : | Rinse mouth with water, take two to three glasses of water DO NOT induce vomiting. Contact a physician. |
| 4.5. Inhalation | : | Guide affected person to fresh air. Contact a physician in case inconvenience persists. |
| 4.6. Notes to Physician | : | There is no special information available. Treat symptomatically. |

Information given herein is to the best of our knowledge and is only related to the product as delivered in order to give a complete review of safety aspects accurate as of the date indicated. All data given are never meant to guarantee product properties.

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5. Fire Fighting Measures

- 5.1. Flammability of the product : This product is not flammable
5.2. Suitable extinguishing media : Use extinguishing media appropriate to surrounding fire conditions.
5.3. Special exposure hazards: During a fire or combustion of this product, highly toxic and irritating gases may be generated.

6. Accidental Release Measures

Wear proper protective equipment. Close drains. Absorb spill with inert material and place in a chemical waste container. Flush residual spill with plenty of water.

7. Handling and Storage

- 7.1. Handling : Keep container tightly closed. Do not flush concentrated product to drain. Avoid prolonged contact with skin or eyes.
7.2. Storage : Store in a cool, dry, well ventilated location. Keep container right side up and tightly closed when not in use. Class 12.

8. Physical and Chemical Properties

- 8.1. Appearance : Light Yellow to Yellow Liquid
8.2. Odor : None
8.3. Physical State : Liquid
8.4. pH Value : 3.0 – 4.0 (25°C)
8.5. Vapor Pressure : No Data
8.6. Vapor Density : No Data
8.7. Boiling Point : 115°C
8.8. Freezing Point : -4°C
8.9. Solubility in Water : 100%
8.10. Specific Gravity : 1.14 – 1.18 (20°C)
8.11. Viscosity : No Data
8.12. Autoignition Temperature : N/A

9. Stability and Reactivity

- 9.1. Stability : Stable, will not spontaneously polymerize
9.2. Conditions to Avoid : Stable at ambient conditions
9.3. Materials to Avoid : Alkaline materials
9.4. Hazardous Decomposition : None if used as indicated

10. Toxicological Information

- 10.1. Inhalation – No Data
10.2. Oral – LD(50) rat - >2000ppm

11. Ecological Information

- 11.1. Aquatic toxicology:
11.1.1. LC(50) rainbow trout – 96h : 90.9ppm
11.1.2. EC(50) Daphnia magna : 91.3ppm

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12. Disposal Considerations

- 12.1. Waste disposal must be in accordance with appropriate US Federal, State, and International regulations. This product, if unaltered or used may be disposed of by treatment at a permitted facility as advised by you local hazardous waste regulatory authority. **DO NOT USE Containers for Drinking Water Use.**

13. Transport Information

13.1. DOT:

- | | | |
|---------------------------------|---|---|
| 13.1.1. DOT – UN Number | : | 3265 |
| 13.1.2. DOT Shipping Name | : | Corrosive liquid, Acidic, Organic N.O.S., Hydroxyethylidene diphosphonic acid |
| 13.1.3. Hazard Class | : | 8 |
| 13.1.4. Subsidiary Risk (Class) | : | N/A |

13.2. IATA/ICAO:

- | | | |
|------------------------------|---|---|
| 13.2.1. Hazard Class | : | 8 |
| 13.2.2. Packing Group | : | III |
| 13.2.3. Proper Shipping Name | : | Corrosive liquid, Acidic, Organic N.O.S., Hydroxyethylidene diphosphonic acid |
| 13.2.4. ID/UN Number | : | 3265 |
| 13.2.5. IATA Label | : | Corrosive |

13.3. IMO:

- | | | |
|-----------------------|---|-----|
| 13.3.1. Hazard Class | : | 8 |
| 13.3.2. Packing Group | : | III |

13.4. TDG (Canada):

- | | | |
|-----------------------|---|--------|
| 13.4.1. Status | : | Listed |
| 13.4.2. Packing Group | : | III |

14. Regulatory Information

Listed on Canada DSL inventory list

15. Other information

This MSDS was prepared in accordance with OSHA 29 CFR 1910.1200 and EC Directives EC 91/155/EEC & 93/112/EC.

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