

1. Identification

Product identifier: Aqua-Resin® THX-6™

Other means of identification: THX-6™ XF

Recommended use: Thickener for Aqua-Resin mixes

Restrictions on use: None known

Supplier's details: Aqua-Resin, 16 Greene Street, New York, NY 10013. Telephone: 212.226.1208

Emergency telephone number: 212.226.1208

2. Hazards Identification

Classification:

Mild skin irritation, Category 3

Eye irritation, Category 2

3. Composition/information on ingredients

Mixture:

Chemical identity 577-11-7, <10%

Chemical name: Dioctyl Sodium Sulfonate

-

Chemical identity: 7732-18-15

Chemical name: Water

Remaining components are non-hazardous or present in amounts below reportable limits.

4. First aid measures

Inhalation: Remove patient to fresh air.

Skin contact: Wash affected areas with soap and water.

Eye contact: Flush immediately with water. Consult physician in case of persistent irritation.

Ingestion: May be harmful if swallowed. Consult physician.

5. Firefighting measures

Suitable extinguishing media: Water spray, dry chemical

Unsuitable extinguishing media: N/A

Specific hazards: N/A

Unusual fire and explosion hazard: May emit toxic fumes.

Special protective equipment and precaution for fire fighters: Self-contained breathing apparatus.

Please note: Fire and explosion data have not been determined beyond evaporation to dryness.

6. Accidental release measures

Personal precautions: Common sense precautions should apply

Protective equipment:

Respiratory protection: None required. Use with adequate ventilation.

Ventilation Local Exhaust: None required.

Mechanical (general): None required.

Protective gloves: Impervious chemical resistant gloves recommended.

Running water or eyewash station should be available.

Environmental precautions: None known

Methods and materials for containment and cleaning up: Contain and cleanse area with soap and water. Insure adequate ventilation. Spilled material is slippery, use caution.

7. Handling and storage

Precautions for safe handling: Keep out of reach of children. Avoid contact with skin and eyes.

Conditions for safe storage, including incompatibilities: Do not freeze. Avoid excess heat.

8. Exposure controls/personal protection

Occupational exposure limits: None established

Appropriate engineering controls: Local exhaust. The need for additional controls is not anticipated.

Individual protection measures such as personal protective equipment:

Respiratory protection: None required. Use with adequate ventilation.

Eye protection: None required under anticipated conditions of use. Material is viscous and unlikely to splash. In cases where common sense would indicate that eye contact is likely, chemical splash goggles are recommended.

Protective gloves: Impervious chemical resistant gloves recommended.

9. Physical and chemical properties

Appearance: Translucent colorless to tan to blue-green paste.

Odor: Slight, agreeable

Odor Threshold: N/A

pH: 6.0-9.0

Melting point/Freezing point: N/A

Initial boiling point and boiling range: > 212°F

Flash point: >212°F ASTM D93

Evaporation rate: Not determined.

Flammability (solid, gas): N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure (mm Hg): N/A

Vapor density (Air=1): N/A

Relative density: 1.05

Solubility: N/A

Solubility in H₂O: Miscible

Partition coefficient: n-octanol/water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

10. Stability and reactivity

Chemical stability: Stable

Possibility of hazardous reactions: None known

Conditions to avoid: Heat

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: None known.

11. Toxicological information

Likely routes of exposure:

Acute Effects:

Inhalation: Inhalation of vapor or mist can cause irritation of nose, throat and lungs.

Ingestion: May cause gastrointestinal irritation. Consult a physician.

Skin: Redness and irritation may occur.

Eye: Redness and irritation may occur.

Chronic effects:

Numerical measures of toxicity (acute toxicity estimates): LD50/oral/rat, 5000mg/kg

This product is in compliance with LHAMA and as such has been evaluated by an independent toxicologist and shown to have no chronic toxicity.

12. Ecological Information

Eco-toxicity (aquatic and terrestrial, where available): No information available

Persistence and degradability: No information available

Bio-accumulative potential: No data available

Mobility in soil: No information available

Other adverse effects: No information available

13. Disposal considerations

General: This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste disposal: Incineration or landfill is recommended. Contact your state or local environmental agency for specific rules for both waste and containers.

14. Transport information

UN Number: None

UN Proper shipping name: N/A

Transport Hazard class(es): Not regulated

Packing group (if applicable): N/A

Marine Pollutant (Yes/No): No data available

Special precautions: None

15. Regulatory information

OSHA STATUS: This product is considered hazardous as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)*

USA TSCA STATUS: Listed

CERCLA Reportable Quantity (RQ): N/A

SARA Title III:

Section 302 (EHS): None

Section 311/312: Acute health hazard

Section 313: Not Listed

RCRA: Not listed

CANADIAN WHMIS: D2B, skin and eye irritation

***Per OSHA:** Hazard determination does not involve an estimation of risk. Hazard refers to an inherent property of a substance that is capable of causing an adverse effect. Risk, on the other hand, refers to the probability that an adverse effect will occur with specific exposure conditions. Thus, a substance will present the same hazard in all situations due to its innate chemical or physical properties and its actions on cells and tissues. However, considerable differences may exist in the risk posed by a substance, depending on how the substance is contained or handled, personal protective measures used, and other conditions that result in or limit exposure.

16. Other information

Precautionary Labeling:	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
Other	-	N/A

Rating Scale:

0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Extreme Hazard

Abbreviations and Acronyms:

HMIS: Hazardous Materials Identification System

NFPA: National Fire Protection Association

LHAMA: Labeling of Hazardous Art Materials Act

N/A: NOT APPLICABLE

N/E: NONE ESTABLISHED

The information in this SDS relates only to the specific materials designated, and to the specific Aqua-Resin® products identified in our instructions. It does not relate to use in combination with any other materials or processes. This information is provided in good faith, and as of the revision date of this document, is believed to be correct. However, Aqua-Resin® does not make any representation as to its accuracy or completeness. Users are advised to make their own determination as to the suitability of this product for their particular purpose. Accordingly, Aqua-Resin® disclaims responsibility for damages of any kind resulting from the use of this information.