



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

SAFETY DATA SHEET

Version: 1.0

Revision Date: 05/05/2022

1. Product and Company Identification:

Product: Polyquaternium-37

Item Code: 99387

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck:

Polyquaternium-37 <53%; Tricedeth 6 <6%; Propylene Glycol

Dicaprylate/Dicaprate <3%

Hazardous Ingredient/s: n/a

4. First Aid Measures:

Inhalation: Remove to fresh air; seek medical attention if irritation persists.

Eyes: Flush immediately with plenty of water; seek medical attention if irritation persists.

Skin: Wash with soap and water, seek medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting; contact physician for further treatment.

5. Fire Fighting Measures:

Suitable Extinguishers: Water. Water spray. Foam. Carbon dioxide (CO2). Dry powder.

Extinguishers Not to be Used: none

Hazardous Decomposition Products: In the event of fire the following can be released: Carbon Oxides. Nitrogen Oxides. Hydrogen Chloride. Hydrogen



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

Cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

Special Fire Fighting Procedures: No special protective equipment required. Wear self-contained breathing apparatus for firefighting if necessary. Keep personnel removed and upwind of fire. Spills produce extremely slippery surfaces.

6. Accidental Release Measures:

Personal Precautions: No special precautions required. Wear adequate personal protective equipment. Keep people away from spill/leak.

Environmental Precautions: As with all chemical products, do not flush into surface water.

Clean Up Procedure: Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. Handling and Storage:

Handling Precautions: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.

Storage Requirements: Keep in a dry cool place (0-30°C). Keep away from heat and source of ignition. Freezing will affect the physical condition and may damage the material.

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Not required; except in case of aerosol formation.

Eye Protection: Safety glasses with side-shields. Do not wear contact lenses where this product is used.

Skin Protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely. PVC or other plastic material gloves.

9. Physical and Chemical Properties:

Description: Milky white liquid; characteristic aroma

Melt Point: <5°C/<41°F

Flash Point: Does not flash

Solubility in Water (by weight): soluble in water



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

10. Stability and Reactivity:

Condition to Avoid: Avoid extremes of temperature. Protect from light, moisture and damage.

Materials to Avoid: Oxidizing agents may cause exothermic reactions.

Hazardous Decomposition Products: Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides (CO_x), Hydrogen cyanide (hydrocyanic acid).

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Routes of Entry:

Oral: None

Inhalation: None

Skin: Non-toxic

Eye: Mildly irritant

12. Ecological Information:

Toxicity to fish: LC₅₀/Fish/96hrs = 5 - 40 mg/L (estimated)

Toxicity to daphnia: EC₅₀/daphnia/48 hours = 10-100 mg/L (estimated)

Toxicity to algae: Algal inhibition tests are not appropriate. The flocculation characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.

Mobility: No data available

Degradability: Readily biodegradable

Bioaccumulation: It is not expected to bioaccumulate in the environment.

13. Disposal Considerations:

Handling Precautions: None

Method of Disposal: Dispose of accordance with local regulations.

Contaminated Packaging: Dispose of accordance with local regulations.

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

15. Regulatory Information:



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

TSCA STATUS: All components of this product are either listed on the inventory or are exempt from listing.

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute N/A
Chronic N/A
Fire N/A
Pressure N/A
Reactive N/A

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

(CAS# 90622-58-5): This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

16. Other Information:

HMIS Health: 0
HMIS Flammability: 1
HMIS Reactivity: 0

Additional Information:

California Proposition 65 Information: Not regulated

International Inventories: TSCA, DSL, IECSC, REACH, AICS, ENCS, ECL, PICCS, CSNN, NZIoC

Spills produce extremely slippery surfaces.

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.