

Material Safety Data Sheet



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FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week

Date Revised: June 5, 2006

1. Product Identification

Product Name: ProPortion General Purpose Ultrasonic Cleaning

Solution

Ref. No / Size: 21360 FG / 1 oz (30 ml)

Chemical Name: Complex mixture

Chemical Family: Organic/inorganic Compounds

2. Composition / Information Ingredients

Isopropyl Alcohol (less than 5 %), CAS# 67-63-0

Versene (less than 15 %), CAS# 64-02-8

Sodium Carbonate Monohydrate (less than 10 %), CAS# 5968-11-6

3. Hazards Identification

Effects of Over Exposure: Causes mild irritation of eyes, nose, and throat at concentration level of 400 ppm. Digestion of large quantities causes abdominal pain and nausea.

Chronic Effects of Over Exposure: None currently known

Primary Routes of Entry: Skin, nose

4. First Aid Measures

For eyes and skin contact: Flush immediately with plenty of water for at least 15 minutes.

Inhalation: Remove to fresh air.

Ingestion: Wash out mouth with water provided person is conscious. Call a physician.

5. Fire Fighting Measures

Flash Point: Not combustible

Extinguishing Method: N/A

Special Fire Fighting Precautions: None

Unusual Fire and Explosion Hazards: No explosion hazards exist.

6. Accidental Release Measures

Clean-Up Procedures: Contain spill using noncombustible materials such as vermiculite, sand, or earth. Collect in suitable waste disposal containers and dispose of in accordance with federal, state and local laws and regulations.

7. Handling and Storage

Handling: Keep containers tightly closed when not in use. Storage: Store in a cool and ventilated place.

Other Precautions: Avoid contamination of foods.

8. Exposure Controls/Personal Protection

Respiratory Protection: None required

Eye Protection: None required under normal use conditions.

Emergency responders should wear eye protection.

Skin Protection: None required under normal use conditions.

Emergency responders should wear impermeable gloves.

Ventilation Required: None required.

Other Protection: None required.

Work/Hygienic Practices: None normally required. Washing with soap and water after use is recommended as good hygienic practice.

9. Physical and Chemical Properties

Boiling Point: 212 F

pH (10 % in water): 11.1

Solubility in Water: Miscible

Evaporation Rate (BuOAc = 1.0): 0.5

Vapor Pressure: 24 mm Hg @ 25 °C

Specific Gravity: 1.038 @ 25 °C

Melting Point: N/A

Appearance and Odor: Clear, blue-colored liquid with a slight ammonia odor.

10. Stability and Reactivity

Stability: This material is stable under normal conditions of use.

Conditions to Avoid: None

Incompatibility / Avoid Contact With: None suggested

Hazardous Decomposition Products: Carbon monoxide and ammonia gas

Hazardous Polymerization: Will not occur

11. Disposal Considerations

An acceptable method of disposal is to dilute with a large amount of water followed by discharge into a suitable treatment system in accordance with all regulatory agencies.

12. Ecological Information

Data not yet available.

13. Toxicological Information

Data not yet available.

14. Transit Information

Hazardous Classification: Not DOT Regulated

15. Regulatory Information

Isopropyl Alcohol: 400 ppm TLV

16. Other Information

For industry use only.

NOTICE TO READER

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Sultan Chemists, Inc., assumes no responsibility for the completeness or accuracy of the information contained herein.