

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

Outside the United States call collect 1-352-323-3500

Date Revised: August 12, 2008

1. Chemical Identification

Common Name: **Purevac**

Ref #: 21113 / 2L, 21115 / 5L, 21121 / 4 oz

Ref #: 00-21111-MB/ 00-21122-FG 200 L Drum

2. Composition/Information on Ingredients

Phosphoric Acid, 85 % by Wt

CAS # 7664-38-2 Percent: < 20 %

Isopropyl Alcohol, 99 %

CAS # 67-63-0 Percent: < 5 %

Glycolic Acid, 70 % by Wt

CAS # 79-14-1 Percent: < 10 %

3. Hazards Identification

Exposure to large doses causes irritation and headaches.

Ingestion causes hemorrhages in stomach as well as in the liver and kidneys.

4. First Aid Measures

Eye Contact: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin Contact: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Do not induce vomiting. Call a physician.

5. Fire Fighting Measures

Extinguishing Media: Not combustible at ordinary conditions

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: No explosion hazards

6. Accidental Release Measures

Recover the spill to storage and soak up residue with an absorbent material. Flush the area with large amounts of water.

7. Handling and Storage

Store in a closed container and keep away from steel

8. Exposure Controls/Personal Protection

Engineering Controls: Use ventilation adequate to maintain safe levels. Provide eyewash station and safety shower in work area.

Respiratory Protection: Not normally needed if controls are adequate

Eye Protection: Safety goggles

Special Protective Clothing: Impermeable apron

9. Physical and Chemical Properties

Appearance: Clear pink liquid

Odor: Alcohol

Solubility in Water: Miscible

pH (as is): 0.5 - 1.5

Boiling Point (° C): 212 F

Melting Point: N/A

Evaporation Rate (Butyl acetate = 1): 0.4

Vapor Pressure (mm Hg @ C): 24 mmHg/25C

Specific Gravity (H₂O = 1): 1.097 +/- 10%

10. Stability and Reactivity

Stability: Stable under normal conditions

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Emits toxic fumes of phosphorus oxide. Corrosive to Steel.

11. Toxicological Information:

Data not yet available

12. Ecological Information

No environmental safety data is available on this product.

Precautions should be taken to minimize the amount of this product released to the environment.

13. 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.

14. Transit Information

I. 5 Liter Size or Less

DOT Ground: Consumer Commodity, ORM-D

IMDG: Limited Quantity exception

II. 200 liter Drum

DOT Ground, IMDG

Proper Shipping Name: Corrosive Liquid, Acidic, Organic, NOS
(Phosphoric Acid, Glycolic Acid)

UN No: 3265

Hazard Class 8

Packing Group III

15. Regulatory Information

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: All hazardous ingredients for this product are listed in the inventory.

CERCLA & SARA Regulations, 40 CFR 355, 370, 372: This product does not contain any toxic chemicals subject to the reporting requirements of SARA Section 313.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other Information:

For industry use only

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. General properties are to be regarded as guidelines and are not guaranteed for all samples.