

Material Safety Data Sheet ProPneumo-1 Real Time Supermix

1. IDENTIFICATION

ProPneumo-1™ Real Time Supermix (Catalog # PSM53)

2. COMPOSITION

<u>Reagent</u>	<u>%wt</u>	<u>CAS#</u>
Potassium chloride	1 to 5	7447-40-7
Tris (hydroxymethyl) aminomethane Hydrochloride (TRIS-HCl)	1 to 5	1185-53-1
Magnesium chloride	≤ 0.1	7786-30-3
Bovine Serum Albumin	≤ 0.1	N/A
Glycerol	5 to 10	56-81-5

3. HAZARDS IDENTIFICATION

No adverse health effects should occur from routine, occupational use of this material in the manner specified by the manufacturer's instructions. The only likely symptom of exposure would be reddening or inflammation after accidental injection.

Inhalation: Inhalation of vapors or mists of components of this product may cause mild irritation. Symptoms are generally alleviated upon breathing fresh air.

Contact with skin or eyes: If components of this product contaminate either the skin or eyes, mild irritation may occur. This irritation should be alleviated by flushing the skin or eyes with copious amounts of water.

Ingestion: Ingestion of this product in large quantities may cause gastric distress. Symptoms of such overexposure can include nausea, vomiting, and diarrhea. Seek medical attention immediately.

Injection: Injection may cause local reddening, tissue swelling, and discomfort.

4. FIRST-AID PROCEDURES

Skin Contact: If contact with this product leads to reddening, inflammation, or irritation, flush the exposed area with running water. Remove any contaminated clothing.

Eye Contact: Flush with copious amounts of water taking care to lift the eyelids in the process.

Inhalation: Remove victim to fresh air immediately. If necessary, use artificial respiration to restore breathing. Remove or cover gross contamination to avoid additional exposures.

Ingestion: Do not induce vomiting. Seek medical attention immediately. Victim should drink milk, egg whites, or large quantities of water. Never induce vomiting or give fluids to someone who is unconscious or unable to swallow.

5. FIRE FIGHTING PROCEDURES

Extinguishing Media: Water, Dry chemical, CO₂, Halon, or Foam.

Unusual Fire and Explosion Hazards: This product may decompose and produce irritating fumes and toxic gases (including carbon monoxide, carbon dioxide and oxides of nitrogen) when involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

Contain spill and then clean up with paper towels and copious amounts of water. Avoid contact with skin and clothing.

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7. EXPOSURE CONTROL (PERSONAL PROTECTIVE EQUIPMENT)

Use with adequate ventilation.

Inhalation: None recommended. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134.

Eye Contact: Wear goggles or safety glasses.

Skin contact: Wear impermeable gloves and appropriate lab apparel.

8. HANDLING AND STORAGE

Store at -70°C . Avoid several freeze-thaw cycles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless solution.

Melting or freezing point: $<0^{\circ}\text{C}/32^{\circ}\text{F}$ (water)

Boiling point: $>100^{\circ}\text{C}/212^{\circ}\text{F}$ (water)

Solubility in water: Dilutable

10. STABILITY AND REACTIVITY INFORMATION

Stable

11. TOXICOLOGICAL INFORMATION

Decomposition products: carbon dioxide, carbon monoxide, and oxides of nitrogen.

Incompatible materials to avoid: Strong acids, strong bases, strong oxidizers, water-reactive materials.

12. ECOLOGICAL INFORMATION

No unusual effects on plants or animals are expected if this product is released into the environment.

13. DISPOSAL GUIDELINES

Observe all Federal, State and Local laws concerning health and pollution.

14. TRANSPORT INFORMATION

This material is not hazardous as defined by 49 CFR 172.101 by the U.S. Department of Transportation.

15. REGULATORY INFORMATION AND CONSIDERATIONS

N/A

16. OTHER

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Gen-Probe Prodesse, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes.