

TECHNICAL DATA SHEET

Ultra Sound Gel

1. Product Description

Ultra Sound Gel is a high-quality, water-soluble coupling medium specifically formulated for use in ultrasound diagnostics and therapy. Its non-irritating, greaseless formula allows for efficient sound wave transmission while ensuring optimal comfort for both patient and practitioner. The gel is non-staining and easy to clean off after use.

2. Applications

- Diagnostic and therapeutic ultrasound procedures
- External use for hospitals, clinics, physiotherapy practices, and imaging centres
- Suitable for use with all ultrasound devices, including Doppler and fetal monitoring

3. Product Features

- Excellent transmission of ultrasound waves
- Hypoallergenic and dermatologically tested
- Water-soluble, greaseless, and non-sticky
- Easy to apply and remove — leaves no residue
- Non-sensitising and non-irritating
- Colourless or lightly tinted (optional), fragrance-free

4. Typical Properties

Property	Specification
Appearance	Clear or light blue gel
Odour	Odourless or mild
pH (neat)	6.5 – 7.5
Viscosity (25°C)	30,000 – 50,000 cP
Density (25°C)	1.00 – 1.03 g/cm ³
Solubility	Completely soluble in water
Conductivity	Non-conductive



062 352 2368



thulekafactory@gmail.com



50 robyn street,
Jukskeipark



TECHNICAL DATA SHEET

5. Directions for Use

1. Apply a sufficient quantity of **Ultra Sound Gel** to the treatment area.
2. Move the transducer/probe over the gel for optimal image clarity.
3. After use, remove gel from skin and equipment with a tissue or cloth.

Note: For external use only.
Do not use on broken or irritated skin.

6. Storage & Handling

- Store at room temperature (15–25°C), away from direct sunlight
- Do not freeze
- Ensure cap/lid is tightly closed when not in use
- Keep out of reach of children
- Use clean hands or applicators to avoid contamination

7. Packaging

Available in:

- 250ml and 500ml squeeze bottles
- 5L refill containers
- Custom packaging options available for clinical use

8. Safety & First Aid

- **Skin Contact:** Safe for external use; discontinue if irritation occurs
- **Eye Contact:** Rinse cautiously with clean water for several minutes
- **Ingestion:** Not intended for consumption — seek medical advice
- **Inhalation:** Not hazardous under normal use



062 352 2368



thulekafactory@gmail.com



50 robyn street,
Jukskeipark