

Material Safety Data Sheet

Information Required for Substances for Use at Work (C.O.S.H.H.)

PREMIER MANOMETER FLUID 1.88 S.G.

1. Identification of the Substance / Preparation and the Company / Undertaking.

Product name: Premier Manometer Fluid 1.88 S.G.
Product code: REGU70.
Distributor: Regin Products Limited.
10-12 Tower Square
Huntingdon
Cambs
PE29 7DT

2. Composition / Information on Ingredients.

Chemical Name: Predominantly perfluorodimethyl cyclohexane and perfluoro-1-methyl decalin.
CAS Registry No: 335-27-3/306-92-3

3. Hazards Identification.

Hazard Classification: Non-Hazardous.

4. First Aid Measures.

Occupational Exposure Limit: No assigned HSE exposure limit.
General: No detectable toxicity.
Inhalation: Acute animal studies indicate no adverse effect. No anaesthetic properties.
Skin Contact: No effect
Eye Contact: No effect
Ingestion: Acute animals studies indicate no adverse effect.

5. Fire Fighting Measures.

Spray containers to keep cool. Premier Fluid is non-flammable and have fire extinguishing properties. However, contact with flames gives rise to irritating vapours. Avoid inhalation of these vapours. Breathing apparatus should be worn when fire fighting in a confined space. Non essential personnel should be evacuated from the area until any fumes have dispersed. Handle contaminated fluid in a ventilated area, avoiding inhalation of vapour.

6. Accidental Release Measures.

Regin Premier Manometer Fluid 1.88 S.G. spillages produce very slippery surfaces which may be hazardous to personnel. Where possible recover the liquid. Contain spillage by soaking up on sawdust or sand and place in polythene sacks for disposal.

7. Handling & Storage.

Do not smoke when handling. Avoid contact of vapour or liquid with red hot surfaces, flames or electric arcs as this gives rise to irritant gases such as hydrogen fluoride. Do not use sodium or similar metals for removing water from the liquid; other desiccants are acceptable. Allow sufficient ullage when drum filling to allow for thermal expansion.

8. Exposure Controls / Personal Protective Equipment (PPE).

Respiratory Protection:	Not normally required.
Eye Protection:	Chemical safety spectacles or goggles.
Skin Protection:	Not normally required. Where it is necessary to immerse hands in Premier Fluid for prolonged periods, impermeable gloves are recommended.

9. Physical and Chemical Properties.

Appearance:	Blue high density liquid
Odour:	Odourless
Pour Point:	-70 °C
Density:	1.88 at 25°C
Solubility in Water:	Insoluble
Solubility in Organic Solvents:	Sparingly soluble in most common solvents. Miscible with chlorofluorocarbons.

10. Stability and Reactivity.

Stability:	Stable
Reaction with Water:	None
Flash Point:	None
Thermal Decomposition Products:	When Premier Fluid alone is submitted to high temperatures, partial carbonisation occurs together with the formation of fluorocarbon gases, liquids and polymers, some potentially toxic. In the presence of other reactive substances and in a fire situation, where hydrogen containing compounds are present, HF and other toxic products may be formed.
Incompatibility:	Lithium, sodium, potassium, calcium and barium.
Corrosion:	Non-corrosive.

11. Toxicological Information.

Inhalation:	Remove from exposure, rest and keep warm. Apply artificial respiration if breathing has ceased. Obtain medical attention if effects are other than slight.
Skin Contact:	Remove contaminated clothing and wash off with soap and water. Obtain medical attention if adverse symptoms arise.
Eye Contact:	Irrigate thoroughly with water. Obtain medical attention if adverse symptoms arise.
Ingestion:	Wash out mouth with water. Obtain medical attention if symptoms persist.

12. Ecological Information.

Ecotoxicological Information:	Not known to be an environmental problem.
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13. Disposal Considerations.

Disposal in accordance with guidelines laid down by the local Waste Disposal Authority, Do not flush to drain.

14. Transport Information.

Hazard classification:	Not classified.
Class:	N/A
Packing group:	N/A
UN Number:	N/A
Shipping name:	N/A

15. Regulatory Information.

Safety Phrases: S41

16. Other Information.

If this material is re-distributed or re-formulated, details of its hazards and recommended methods of safe handling must be passed to all users of the material.