



MATERIAL SAFETY DATA SHEET
CHLORPROMAZINE MIXTURE FORTE 100mg/10mL

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1. Identification of the Product and Company

Product Name:	CHLORPROMAZINE MIXTURE FORTE 100mg/10mL
Product Code:	CHL01606F
Other Names:	Nil
Use:	Treatment of acute functional psychosis (eg schizophrenia, mania or psychotic depression). Short term treatment of agitation and/or behavioural disturbance in patients with delirium or dementia. In the management of terminal illness to enhance the effect of analgesics and to control nausea and vomiting
Company Name & Contact Details	Drug Information Pharmacist ORION Laboratories Pty Ltd ABN 56 009 293 136 25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA Telephone (all hours): +618 9441 7800 FREE PHONE: 1800 805 546 FREE FAX: 1800 004 110 EMAIL: customerservice@orion.net.au; WEBSITE: www.orion.net.au ORION® is a registered trademark of Orion Laboratories Pty Ltd
Other Information	All reasonable care has been taken to ensure information and advice contained in this data sheet is accurate at time of printing. However, Orion accepts no liability for any loss or damages suffered as a consequence of reliance on the information contained herein.

2. Hazards Identification

Hazard Classification	HAZARDOUS SUBSTANCE. NOT DANGEROUS GOOD.
Risk phrase(s)	None allocated
Safety phrase(s)	This medication may cause drowsiness. If affected do not drive a vehicle or operate machinery. Avoid alcohol Avoid skin contact. Chlorpromazine may cause dermatitis. S 2 – Keep out of reach of children S 24 – Avoid contact with skin

3. Composition/Information on Ingredients

Chemical Entity	CAS No:	Proportion
Chlorpromazine Hydrochloride	69-09-0	1% w/v
Glycerol	56-81-5	< 10 – 30%% w/v
Sorbitol Solution 70% (non-crystallising)	50-70-4	< 10 - 30% w/v
Ethanol	64-17-5	< 10% w/v
Methyl Hydroxybenzoate	99-76-3	< 10% w/v
Citric Acid	77-92-9	< 10% w/v
Ascorbic Acid	50-81-7	< 10% w/v
Flavour	-	< 10% w/v
Saccharin Sodium	000128449	< 10% w/v
Water - purified	7732-18-5	to 100% v/v

4. First Aid Measures

In case of accidental overdose/poisoning, take patient to hospital.

Inhalation:	Not expected to cause problems
Ingestion:	Rinse mouth out with water. Contact a doctor or Poisons Information Centre. Stomach should be emptied by aspiration and gastric lavage. Emetics should NOT be used.
Skin:	Remove contaminated clothing. Wash area with soap and water.
Eye:	Rinse the eye with gently running water for at least 15 minutes. Seek medical attention.
Advice to Doctor:	<p>The symptoms of overdosage with chlorpromazine include CNS depression progressing from drowsiness to coma with areflexia; patients with early or mild intoxication may experience restlessness, confusion and excitement. Other symptoms include hypotension, tachycardia, hypothermia, pupillary constriction, tremor, muscle twitching, spasm or rigidity, convulsions, muscle hypotonia, difficulty in swallowing and breathing, cyanosis and respiratory and/or vasomotor collapse, possibly with sudden apnoea. Polyuria has also been noted, which may result in dehydration.</p> <p>Deaths in young children have followed ingestion of chlorpromazine 350 to 800mg.</p> <p>Emetics should not be used - chlorpromazine has antiemetic properties & sedative and extrapyramidal side effects increase the risk of pulmonary aspiration should vomiting occur.</p> <p><i>Acute Hypotension:</i> Place patient in head down position and administer noradrenaline or phenylephrine intravenously. Adrenaline is contraindicated.</p> <p><i>Central Nervous System Depression:</i> Allow patient to recover naturally, though artificial respiration may be required. Antibiotic therapy may be administered for any respiratory infections.</p> <p><i>Hypothermia:</i> Monitor body temperature and allow patient to recover naturally unless the temperature approaches levels at which cardiac arrhythmias may occur (e.g. 29.4°C). Shivering is a sign of waning drug effects.</p> <p>Severe extrapyramidal reactions should be treated with benztropine or other antiparkinsonian agent (intramuscular dose in adults: 1 to 2mg, children 0.2 to 0.25mg initially with increments if necessary).</p>

5. Fire Fighting Measures

Contain using sand or earth and use an absorbent (sand, sawdust, vermiculite) where appropriate. Collect and seal in properly labelled containers for disposal. Wash area down with excess water.

Extinguishing Media	Water fog/spray, carbon dioxide, dry chemical powder or alcohol stable foam.
Hazards from Combustion products	Not flammable, but if in fire, may emit toxic fumes including carbon monoxide and carbon dioxide. Remove containers from path of fire. Heating can cause expansion and rupture of containers. Keep containers cool with water spray.
Precautions & Equipment for Fire Fighters	Fire-fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely. Vapour is heavier than air and may travel along the ground. Distant ignition is possible.
Hazchem Code	None allocated

6. Accidental Release Measure

Contain spill using appropriate absorbent material such as paper, sand, vermiculite. Cleanup personnel to wear suitable protective clothing (eg gloves) to avoid skin contact.

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7. Handling and Storage

Safe Handling Practices Not hazardous for the purposes of transport and storage.

Storage Store below 25°C and protect from light.

8. Exposure Controls; Personal Protection

Exposure Limits: There are no known exposure standards for Chlorpromazine Mixture Forte 100mg/10mL

Engineering Controls No respiratory protection is necessary under normal circumstances. Maintain concentration below recommended exposure limit and use with adequate ventilation at all times.

Personal Protection Avoid skin contact.

9. Physical and Chemical Properties

Appearance: A clear, colourless or slightly yellow liquid. Peppermint odour & flavour.

pH: 2 - 4

Vapour Pressure: Not known

Vapour Density: Not known

Boiling Point: Not known

Flash point Not known

Solubility: Miscible

Specific Gravity or Density: 1.10 – 1.12g/mL

10. Chemical Stability and Reactivity Information

Conditions Contributing to Instability This product is expected to be stable.

Conditions to Avoid: None for normal handling of this product.

11. Toxicological Information

Inhalation: Not volatile – not expected to cause respiratory problems.

Ingestion: May lead to reduced mental alertness, dry mouth, blurred vision, tremor, sleepiness, seizures, urinary retention, fast or irregular heart beat, low blood pressure, high or low body temperature, dilated or constricted pupils.

Skin: May cause dermatitis; or photo sensitivity.

Eye: May be irritating to the eye causing redness and soreness.

12. Ecological Information

Mobility: Not known.

Persistence and Degradability: Not known

Ecotoxicity: Not known

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13. Disposal Considerations

Disposal Methods & Containers: Wash empty containers with water. Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods. Empty containers should be decontaminated by rinsing with water prior to disposal.

14. Transport Information

UN Number: None allocated
UN Proper Shipping Name: None allocated
DG Class & Packing Group: None allocated
Hazchem Code: None allocated

15. Regulatory Information

Prescription only medicine (Schedule 4)

16. Other Information

References:

- *MSDS Chlorpromazine Hydrochloride 11/01/2010* Science Lab.com
- *PI Chlorpromazine Mixture and Chlorpromazine Mixture Forte CHL01376_1_PI* Orion Laboratories

Checked by: Anna McLean	Date: October 2011
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Revision Information

Date	Document Name	Superseded Document	Revision Information
July 2004	CHL01606_01	N/A	New document
August 2008	CHL01606_02	CHL01606_01 July 2004	General review
October 2011	CHL01606_03	CHL01606_02 August 2008	General review

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