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**Section 1. Product and Company Identification**

<b>Product Name</b>	Chlorpromazine Hydrochloride
<b>Product ID</b>	C2947
<b>Chemical Name (Synonyms)</b>	Hebanil; Klorpromex; Largactil; Megaphen; Promacid; Chloractil; Sonazine; Marazine; Tarocetyl; Torazina
<b>Supplier</b>	LKT Laboratories, Inc 545 Phalen Blvd. St. Paul, MN 55130 USA Ph: 651-644-8424 Fax: 651-644-8357 www.lktlabs.com - getinfo@lktlabs.com
<b>Emergency Phone #</b>	1-800-424-9300

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**Section 2. Hazards Identification**

<b>GHS Classification</b>	Acute toxicity, Oral (Category 3), H301 Acute toxicity, Inhalation (Category 2), H330
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**GHS Label elements including precautionary statements****Pictogram****Signal word** **Danger****Hazard and precautionary statements****Hazard statements**

H301 - Toxic if swallowed.

H330 - Fatal if inhaled.

**Precautionary statements**

P260 - Do not breathe dust, fumes, gas, mist, vapors, spray.

P264 - Wash skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

P284 - Wear respiratory protection.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310 - Immediately call a Poison Center or doctor/ physician.

P320 - Specific treatment is urgent (see supplemental first aid instructions on this label).

P330 - Rinse mouth.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/ container to an approved waste disposal plant.

Hazard not otherwise classified (HNOC) or not covered by GHS: Photosensitizer.

**HMIS Classification**

Health hazard: 4

Chronic health hazard: \*

Flammability: 0

Physical hazard: 0

**NFPA Rating**

Health hazard: 4

Fire hazard: 0

Reactivity hazard: 0

**Potential Health Effects**

Inhalation - Acute toxicity. Fatal if inhaled. May cause respiratory irritation.

Skin - May be harmful if absorbed through skin. May cause skin irritation.

Eyes - May cause eye irritation.

Ingestion - Acute toxicity. Toxic if swallowed.

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### Section 3. Composition/Information on Ingredients

#### Substances

**Formula** C<sub>17</sub>H<sub>19</sub>ClN<sub>2</sub>S • HCl

**Formula Wt.** 355.33

**CAS No.** 69-09-0

**EC No.** 200-701-3

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### Section 4. First Aid Measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### Eye Contact

Flush eyes with water as a precaution.

#### Skin Contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### Ingestion

Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.

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### Section 5 . Firefighting Measures

#### Flash Point

Not available.

#### Extinguishing Media

Use a water spray, alcohol-resistant foam, dry chemical powder, or carbon dioxide.

#### Firefighting Procedures

Wear self-contained breathing apparatus for firefighting and protective clothing if necessary.

#### Unusual Fire Hazards

Carbon oxides, nitrogen oxides (NO<sub>x</sub>), sulfur oxides, hydrogen chloride gas.

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### Section 6. Accidental Release Measures

#### Personal Precautions

Wear respiratory protection. Avoid dust formation. Avoid breathing dust, vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

#### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### Methods and materials for containment and cleanup

Pick up and arrange disposal without raising dust. Sweep and shovel. Keep in suitable, closed containers for disposal.

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### Section 7. Handling and Storage

#### Handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

#### Storage Conditions

Store in a cool, dry and well-ventilated place in a tightly closed container.  
Recommended storage temperature: Ambient

#### Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, and hydrogen chloride gas.

#### Other Remarks

Synthetic.

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## Section 8. Exposure Controls/Personal Protection

### Personal protective equipment

#### EXPOSURE CONTROLS

Contains no substances with occupational exposure limit values.  
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

#### PERSONAL PROTECTIVE EQUIPMENT

**Eye/face protection:** Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Full and splash contact - Material: nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: 480 min, Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M).

**Body protection:** Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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## Section 9. Physical and Chemical Properties

<b>Physical State</b>	Solid.	<b>Color</b>	White crystal powder.
<b>Boiling Point</b>	Not available.	<b>Volatility</b>	Not available.
<b>Melting Point</b>	179°C-180°C(dec.)	<b>Density</b>	Not available.
<b>Solubility</b>	Soluble in methanol, ethanol, chloroform or water (1g/mL). Insoluble in ether or benzene.	<b>pH</b>	Not available.
<b>Flash Point</b>	Not available.	<b>Ignition temperature</b>	Not available.
<b>Lower explosion limit</b>	Not available.	<b>Autoignition temperature</b>	Not available.
<b>Upper explosion limit</b>	Not available.	<b>Vapor pressure</b>	Not available.
<b>Water solubility</b>	Soluble in water (1g/mL).	<b>Odor</b>	Not available.
<b>Partition coefficient: n-octanol/water</b>	Not available.	<b>Odor Threshold</b>	Not available.
<b>Relative vapor density</b>	Not available.	<b>Evaporation rate</b>	Not available.

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## Section 10. Stability and Reactivity

<b>Stability</b>	Stable under recommended storage conditions.
<b>Materials To Avoid</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, and hydrogen chloride gas.

**Possibility of hazardous reactions** Not available.

**Conditions to avoid** Not available.

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## Section 11. Toxicological Information

**Oral LD50** Rat 145 mg/kg  
Mouse 135 mg/kg Behavioral: Somnolence (General depressed activity). Behavioral: Rigidity. Behavioral: Alteration of Classical Conditioning.

**Skin corrosion/irritation** Not available.

**Inhalation LC50** Rat 2h 40mg/m3  
Mouse 2h 40mg/m3

**Serious eye damage/irritation** Not available.

**Dermal LD50** Not available.

**Respiratory or skin sensitization** Not available.

**Other information on acute toxicity** Not available.

**Germ cell mutagenicity** Not available.

**Reproductive Toxicity** Not available.

**Aspiration Hazard** Not available.

**Specific organ toxicity single exposure (GHS)** Not available.

**Synergistic effects** Not available.

**Specific organ toxicity repeated exposure (GHS)** Not available.

**Additional Information** RTECS: SO1750000

**Teratogenicity** Not available.

**Signs and symptoms of exposure** Drowsiness, agranulocytosis. Stomach - irregularities - Based on human evidence.

**Potential Health Effects** Inhalation - Acute toxicity. Fatal if inhaled. May cause respiratory irritation.  
Skin - May be harmful if absorbed through skin. May cause skin irritation.  
Eyes - May cause eye irritation.  
Ingestion - Acute toxicity. Toxic if swallowed.

**Carcinogenicity** **IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
**ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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## Section 12. Ecological Information

**Toxicity** Not available.

**Mobility in soil** Not available.

**PBT and vPvB assessment** PBT/vPvB assessment not available as chemical safety assessment not required/not

conducted.

**Persistence and degradability** Not available.

**Other adverse effects** Not available.

**Bioaccumulative potential** Not available.

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### Section 13. Disposal Considerations

**Waste Disposal** Dispose of material according to all federal, state, and local regulations.  
Offer material to a licensed, professional waste disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Dispose of as unused product.

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### Section 14. Transport Information

**DOT (US)** UN number: 2811 Class: 6.1 Packing group: I  
Proper shipping name: Toxic solid, organic, n.o.s. (Chlorpromazine hydrochloride)  
Marine pollutant: No Poison inhalation hazard: No

**IATA** UN number: 2811 Class: 6.1 Packing group: I  
Proper shipping name: Toxic solid, organic, n.o.s. (Chlorpromazine hydrochloride)  
IATA Passenger: Not permitted for transport.

**IMDG** UN number: 2811 Class: 6.1 Packing group: I EMS No: F-A, S-A  
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (Chlorpromazine hydrochloride)  
Marine pollutant: No

#### Further Information

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### Section 15. Regulatory Information

**Reach No.**

**SARA 302 Components** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Components** Acute health hazard, chronic health hazard.

**Massachusetts Right To Know Components** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components** Chlorpromazine hydrochloride CAS #: 69-09-0 Revision Date:

**New Jersey Right To Know Components** Chlorpromazine hydrochloride CAS #: 69-09-0 Revision Date:

**California Prop 65 Components** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive.

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### Section 16. Other Information

**Other information** The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.

**Updated** 7/3/2019

For emergencies in the USA, call  
CHEMTREC 800-424-9300