


Section 1: Identification

Common Name/Trade Name	METHADONE HCL USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	3-Heptanone, 6-(dimethylamino)-4,4-diphenyl-, hydrochloride	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 2), Acute toxicity, dermal (Category 4), Acute toxicity, inhalation (Category 4), Sensitization, respiratory (Category 1), Sensitization, Skin (Category 1), Germ cell mutagenicity (Category 2), Reproductive toxicity (Category 2), Specific target organ toxicity, single exposure (Category 3 narcotic effects)	
Signal Word	Danger	
Hazard Statement(s)	H300 Fatal if swallowed H312 Harmful in contact with skin H317 May cause an allergic skin reaction H332 Harmful if inhaled H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled H336 May cause drowsiness or dizziness H341 Suspected of causing genetic defects H361 Suspected of damaging fertility or the unborn child	
Pictogram(s)		
Precautionary Statement(s)	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P285 In case of inadequate ventilation wear respiratory protection. P301+P310 IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. P302+P352 IF ON SKIN Wash with soap and water. P304+P340 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. P308+P313 IF exposed or concerned Get medical advice/attention. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. P333+P313 If skin irritation or a rash occurs Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. 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.	
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Methadone Hydrochloride
Common Name	3- Heptanone, 6- (dimethylamino) - 4, 4- diphenyl- , hydrochloride Methadone Hydrochloride
CAS Number	1095-90-5
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	In case of shortness of breath, give oxygen. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep victim warm. Wash contaminated clothing before reuse. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
If Inhaled	If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediately call a POISON CENTER or doctor/physician.
In Case of Skin Contact	Immediately flush skin with plenty of water. For minor skin contact, avoid spreading material on unaffected skin. If skin irritation or rash occurs: Get medical advice/attention. Remove and isolate contaminated clothing and shoes. Wash contaminated clothing before reuse.
In Case of Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention immediately.
If Swallowed	If swallowed, seek medical advice immediately and show this container or label. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting without advice from poison control center. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Rinse mouth thoroughly. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most Important Symptoms and Effects	Narcotic effect. Exposure may cause sedation, pinpoint pupils, mood alterations, nausea, vomiting, constipation, respiratory depression; also tolerance, dependence and withdrawal. May lead to habituation or addiction. Chronic exposure may lead to tolerance, dependence, and unpleasant withdrawal symptoms upon abrupt discontinuation of use (e.g., sweating, restlessness, irritability, hallucinations). May cause allergic respiratory reaction. May cause an allergic skin reaction. Dermatitis. Rash. Most important symptoms/effects, acute and delayed Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. Indication of immediate medical attention and special treatment needed

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Special Hazards Arising From the Substance/Mixture	During fire, gases hazardous to health may be formed.
Special PPE and/or Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do so without risk. In case of fire and/or explosion do not breathe fumes. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Cool containers exposed to flames with water until well after the fire is out.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Ensure adequate ventilation. Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust. Avoid contact with spilled material. For personal protection, see section 8 of the SDS.
Methods and Materials Used for Containment	Stop the flow of material, if this is without risk. Collect spillage. Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Avoid dust formation. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination. Do not flush to sewer. Prevent entry into waterways, sewer, basements or confined areas. All clean-up operations should be witnessed by more than one individual. The amount of material collected should be assessed and documented. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use only non-sparking tools. For waste disposal, see section 13 of the SDS.
Cleanup Procedures	Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions for Safe Handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Do not ingest. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Wear appropriate personal protective equipment. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains. Observe good industrial hygiene practices.
Conditions for Safe Storage	Store locked up. Store in a cool, dry place. Store in original tightly closed container. Store in a well-ventilated place. Guard against dust accumulation of this material. Keep away from heat and sources of ignition. Store away from incompatible materials (see Section 10 of the SDS). CONTROLLED SUBSTANCE: Location of storage area must comply with all Drug Enforcement Agency or competent authority regulations.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	METHADONE OEB 2 OEB HYDROCHLORIDE (CAS 1095-90-5) STEL 100 Hg/m3 TWA 20 Hg/m3. No biological exposure limits noted for the ingredient.
Appropriate Engineering Controls	Explosion-proof general and local exhaust ventilation. Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. Do not breathe dust. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
PPE - Eye/Face Protection	Chemical goggles are recommended. Provide eyewash station and safety shower.
PPE - Skin Protection	Chemical resistant gloves. Wear appropriate gloves; lab coat, nylon coveralls or disposable Tyvek suit; safety glasses, safety shoes, and disposable booties.
PPE - Body Protection	Chemical resistant gloves. Wear appropriate gloves; lab coat, nylon coveralls or disposable Tyvek suit; safety glasses, safety shoes, and disposable booties.
PPE - Respiratory Protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Section 9: Physical and Chemical Properties

Appearance	Form: Powder Color: White. Physical State: Solid.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	< 0.0000001 kPa at 25 °C
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	Melting point/range: 455 °F (235°C)
Solubility	Water-Slight
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to Avoid	Heat, flames and sparks. Contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx).

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral Acute LD50 Mouse 70 mg/kg Rat 86 mg/kg
Acute Toxicity - Inhalation	Harmful if inhaled. Prolonged inhalation may be harmful. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause sensitization by inhalation. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Narcotic effect. May cause typical symptoms of narcosis (see Ingestion.) Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Inhalation of powder/dust may cause lung edema.
Acute Toxicity - Dermal	Harmful in contact with skin. May cause an allergic skin reaction. May produce narcotic effects if absorbed through skin. Symptoms may parallel ingestion.
Acute Toxicity - Eye	Dust or powder may irritate eye tissue. May have a strong narcotic effect (pupil constriction) and the eye may serve as an absorption route into the body.
Skin Corrosion/Irritation	Due to lack of data the classification is not possible.
Serious Eye Damage/Irritation	Dust in the eyes will cause irritation.
Respiratory or Skin Sensitization	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ Cell Mutagenicity	Suspected of causing genetic defects.
Carcinogenicity IARC	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Carcinogenicity ACGIH	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Carcinogenicity NTP	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Carcinogenicity OSHA	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child. May cause harm to breastfed babies.
Specific Target Organ Toxicity - Single Exposure	May cause drowsiness or dizziness. Narcotic effects.
Specific Target Organ Toxicity - Repeated Exposure	Due to lack of data the classification is not possible.
Aspiration Hazard	Due to lack of data the classification is not possible.

Section 12: Ecological Information

Toxicity	This product has no known eco-toxicological effects.
Persistence and Degradability	No data is available on the degradability of this product.
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge into drains, water courses or onto the ground. Notify site Controlled Substances Compliance officer and local DEA office or competent authority for appropriate disposal procedures. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.
Waste Treatment Methods Packaging	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Avoid discharge into water courses or onto the ground. Waste from residues / unused products Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Contaminated packaging
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	2811
UN Proper Shipping Name	Toxic solids, organic, n.o.s. (3-Heptanone, 6-(dimethylamino)-4,4-diphenyl-, hydrochloride)
Transport Hazard Class(es)	6.1
Packaging Group	II
Environmental Hazards	Marine Pollutant: No

Section 15: Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. TSCA exempt status. TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated. CERCLA (Superfund) reportable quantity None Superfund Amendments and Reauthorization Act of 1986 (SARA) Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No Hazard categories SARA 302 Extremely hazardous substance Not listed. SARA 311/312 Hazardous Yes chemical Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Not regulated. (SDWA). Drug Enforcement Schedule II - 9250 Administration (DEA) (21 CFR 1308.11-15) This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. US state regulations US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed. US. Massachusetts RTK - Substance List Not regulated. US. New Jersey Worker and Community Right-to-Know Act Not listed. US. Pennsylvania Worker and Community Right-to-Know Law Not listed. US. Rhode Island RTK Not regulated. US. California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. International Inventories Country(s) or region Inventory name On inventory (yes/no)* Australia Australian Inventory of Chemical Substances (AICS) Yes Canada Domestic Substances List (DSL) No Canada Non-Domestic Substances List (NDSL) No China Inventory of Existing Chemical Substances in China (IECSC) No Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) No Japan Inventory of Existing and New Chemical Substances (ENCS) No Korea Existing Chemicals List (ECL) No New Zealand New Zealand Inventory Yes Philippines Philippine Inventory of Chemicals and Chemical Substances No (PICCS) United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory No *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
Revision Date	01/11/2019 09:37

Disclaimer

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