

Product Handling and Storage Guide

Product	Proper storage	Typical Shelf Life	Safe Handling with PPE	Transportation
ADVACor® ABR Absorption Refrigerant	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store above 0°C.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Clear, colorless, odorless liquid. No significant health effects expected. Avoid contact with eyes, skin or clothing. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	This product is not restricted by transportation regulations and is acceptable within each carrier's weight limits and packaging
ADVACor® Lithium Bromide soln (uninhibited)	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store above (-5°C).	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Clear, colorless, odorless solution. This product is severely irritating to the eyes and skin, and expected to be irritating to the mucous membranes. Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. This product does not contain a corrosion inhibitor and therefore may corrode steel and stainless steel containers and equipment. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium bromide solution require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
ADVAGuard® 290 Corrosion Inhibitor	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids and strong oxidizing agents. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Corrosive. Odorless, white crystals. Corrosive to eyes (may cause blindness), skin, nose and throat. Continuous inhalation exposure may cause lung damage. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep container closed. Store away from acids and water. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium hydroxide are described as "Lithium Hydroxide, UN 2680." All shipments are Hazard Class 8 and require "Corrosive" labels.
ADVAGuard® 390 Corrosion Inhibitor	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from oxidizable materials, strong acids and flammable materials. Store above (-5°C).	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Strong oxidizer if the solution is allowed to evaporate. Clear, odorless, water white to yellow solution. May be irritating to the eyes, skin and mucous membranes. Do not get in eyes, on skin or clothing. Avoid breathing vapors. Wash thoroughly after handling. Store away from readily oxidizable materials, strong acids and flammable materials. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium nitrate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.

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ADVAGuard® 391 Corrosion Inhibitor	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from oxidizable materials, strong acids and flammable materials. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	OXIDIZER. White granular solid. Lithium nitrate is irritating to the eyes, skin, nose, and throat. Exposure to dusts may cause a burning sensation, cough, wheezing and inflammation of exposed tissue. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Store away from readily oxidizable materials, strong acids and flammable materials. Protect from moisture. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium nitrate are described as "Lithium Nitrate, UN 2722," PGIII. All shipments are Hazard Class 5.1 and require "Oxidizer" labels.
ADVAGuard® 590 Corrosion Inhibitor	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids. Store above 0°C.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Odorless, clear liquid. Exposure to large amounts of molybdenum may irritate the upper respiratory tract and damage the liver, spleen and kidneys. Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium molybdate solution require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
ADVAGuard® 591 Corrosion Inhibitor	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Odorless, white powder. Exposure to large amounts of molybdenum may irritate the upper respiratory tract and damage the liver, spleen and kidneys. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium molybdate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
LiMIT® 101, 201, 301	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store above 0°C.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly. If material has not been used within 6 months of receipt, agitate.	Water-white liquid. This product is moderately irritating to the skin, eyes, nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, blurred vision, and muscle spasm. Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of LiMIT® 101 / 201 / 301 require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.

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Lithium Hydroxide Monohydrate	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids and strong oxidizing agents. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Corrosive. Odorless, white crystals. Corrosive to eyes (may cause blindness), skin, nose and throat. Continuous inhalation exposure may cause lung damage. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep container closed. Store away from acids and water. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium hydroxide are described as "Lithium Hydroxide, UN 2680." All shipments are Hazard Class 8 and require "Corrosive" labels.
Lithium Hydroxide Anhydrous	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids and strong oxidizing agents. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of 2-3 years when stored properly and can be >5 years if package never opened.	Corrosive. Odorless, white crystals. Corrosive to eyes (may cause blindness), skin, nose and throat. Continuous inhalation exposure may cause lung damage. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep container closed. Store away from acids and water. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium hydroxide are described as "Lithium Hydroxide, UN 2680." All shipments are Hazard Class 8 and require "Corrosive" labels.
Lithium 2-Hydroxyethoxide Slurry	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store below 40°C.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Combustible. White to tan thick slurry. Corrosive. Corrosive to eyes (may cause blindness), skin, nose, throat and stomach. Continuous inhalation may cause lung damage. Contains ethylene glycol which is toxic to humans. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Keep container closed. Store away from acids. Dispose of waste according to local and Federal laws and regulations.	Lithium 2-hydroxyethoxide is described as "Corrosive Liquid, Basic, Organic, N.O.S., Lithium 2-hydroxyethoxide slurry" 8, UN3267, PG II. All shipments are required to have "Corrosive" labels.
Lithium Acetate Dihydrate	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly. Material may harden over time depending on storage conditions but should break up easily.	Small, white crystals, odorless. May produce acetone under fire conditions. This product is mildly irritating to the skin and may be irritating to the eyes, respiratory tract and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium acetate dihydrate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.

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Lithium Acetate Solution	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Colorless solution with slight vinegar-like odor. This product is mildly irritating to the skin and may be irritating to the eyes, respiratory tract and mucous membranes. Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium acetate solution require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Nitrate Anhydrous	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from oxidizable materials, strong acids and flammable materials. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	OXIDIZER. White granular solid. Lithium nitrate is irritating to the eyes, skin, nose, and throat. Exposure to dusts may cause a burning sensation, cough, wheezing and inflammation of exposed tissue. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Store away from readily oxidizable materials, strong acids and flammable materials. Protect from moisture. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium nitrate anhydrous are described as "Lithium Nitrate Oxidizer, 5.1, UN 2722" PG III. All shipments require "Oxidizer" labels.
Lithium Nitrate Solution	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from oxidizable materials, strong acids and flammable materials. Store above (-5°C).	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Strong oxidizer if the solution is allowed to evaporate. Clear, odorless, water white to yellow solution. May be irritating to the eyes, skin and mucous membranes. Do not get in eyes, on skin or clothing. Avoid breathing vapors. Wash thoroughly after handling. Store away from readily oxidizable materials, strong acids and flammable materials. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium nitrate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Orthophosphate, Tertiary	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White powder. May be extremely irritating to eyes, nose, throat and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium orthophosphate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within carrier's weight limits and packaging requirements.

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Lithium Phosphate	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White powder. May be extremely irritating to eyes, nose, throat and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium phosphate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within carrier's weight limits and packaging requirements.
Lithium Sulfate Anhydrous and Monohydrate	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Odorless, white powder. May cause irritation of eyes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium sulfate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Tetraborate Anhydrous	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White, odorless powder. This product may be irritating to the skin, eyes, respiratory tract and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium tetraborate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within carrier weight limits and packaging requirements.
Lithium Bromide Anhydrous	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Odorless, white granular solid. This product is irritating to eyes, nose, throat, skin and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of anhydrous lithium bromide require no hazard shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Citrate Tetrahydrate	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly. Material may harden over time depending on storage conditions but should	Small, white crystals, odorless. May be irritating to the eyes, skin and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium citrate tetrahydrate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits.

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Lithium Fluoride Technical Grade	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids. Store protected from moisture. Stable, but hygroscopic. Hydrolyzes in the presence of water to form hydrofluoric acid, which attacks glass - do not store in	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Odorless, white powder. This product may be irritating to the eyes, skin and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium fluoride are not classed as hazardous for transport. Shipments by post, parcel, air, water, rail or road are acceptable within each carrier's weight limits and packaging requirements.
Lithium Acetate Anhydrous	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly. Material may harden over time depending on storage conditions but should break up easily.	Small, white crystals, odorless. May produce acetone under fire conditions. This product is mildly irritating to the skin and may be irritating to the eyes, respiratory tract and mucous membranes. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium acetate anhydrous require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Carbonate ACS Grade	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White granular solid or powder, odorless. Eye irritant; no significant hazard in industrial/commercial applications. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium carbonate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Carbonate, Pharmaceutical Grade	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White granular solid or powder, odorless. Eye irritant; no significant hazard in industrial/commercial applications. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium carbonate require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.

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Lithium Carbonate	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White granular solid or powder, odorless. Eye irritant; no significant hazard in industrial/commercial applications. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium carbonate are not classed as hazardous for transport. Shipments by post, parcel, air, water, rail, or road are acceptable within each carrier's weight limits and packaging requirements.
Lithium Chloride ACS Grade	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from strong acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White granular solid or powder, odorless. This product is moderately irritating to the skin, eyes, nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, blurred vision, and muscle spasm. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium chloride require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Chloride Anhydrous Purified and Tech Grades	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from strong acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White granular solid or powder, odorless. This product is moderately irritating to the skin, eyes, nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, blurred vision, and muscle spasm. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium chloride require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Chloride Industrial Grade	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from strong acids. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	White granular solid or powder, odorless. This product is moderately irritating to the skin, eyes, nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, blurred vision, and muscle spasm. Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed. Dispose of waste	Shipments of lithium chloride require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.

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Lithium Chloride Solution	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store above 0°C.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly. If material has not been used within 6 months of receipt, agitate.	Water-white liquid. This product is moderately irritating to the skin, eyes, nose and throat. Ingestion may cause drowsiness, weakness, tremors, anorexia, nausea, blurred vision, and muscle spasm. Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong	Shipments of lithium chloride solution require no hazardous shipping labels. Shipments by post, parcel, air, water, rail, or truck are acceptable within each carrier's weight limits and packaging requirements.
Lithium Hydroxide, Battery Grade	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from acids and strong oxidizing agents. Store protected from moisture.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Corrosive. Odorless, white crystals. Corrosive to eyes (may cause blindness), skin, nose and throat. Continuous inhalation exposure may cause lung damage. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep container closed. Store away from acids and water. Dispose of waste according to local and Federal laws and regulations.	Shipments of lithium hydroxide are described as "Lithium Hydroxide, UN 2680." All shipments are Hazard Class 8 and require "Corrosive" labels.
Lithium Metal / Ingot	Store in original unopened shipping container. Once opened, store in argon atmosphere or mineral oil. Keep away from water, humid air, acids and oxidizing materials. Keep away from heat, sparks and flame.	Lithium metal or ingots in the original unopened and undamaged packaging is guaranteed for six months from date of manufacture.	Flammable solid. Water reactive. Reacts violently with water to give off corrosive dust and flammable hydrogen gas. Elevated temperatures, above melting point (180.5°C/357°F), can result in spontaneous ignition in humid air. Corrosive to eyes (may cause blindness), skin, nose, throat and stomach. Can be handled in open atmosphere at room temperature, either coated with mineral oil or where relative humidity is maintained below 50%. To maintain best quality, humidity levels of less than 2% are recommended. Wear safety glasses or goggles and dry rubber gloves. Store in original unopened shipping container. Once opened, store in argon atmosphere or mineral oil. Keep away from water, humid air, acids and oxidizing materials. Keep away from heat, sparks	Shipments of lithium metal are described as "Lithium, UN 1415," PG I. All shipments are Hazard Class 4.3 and require "Dangerous When Wet" labels

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Lithium Foils	Store in original unopened shipping container. Once opened, store in argon atmosphere or mineral oil. Keep away from water, humid air, acids and oxidizing materials. Keep away from heat, sparks and flame.	Lithium foil in the original unopened and undamaged packaging is guaranteed for six months from date of manufacture.	Flammable solid. Water reactive. Reacts violently with water to give off corrosive dust and flammable hydrogen gas. Elevated temperatures, above melting point (180.5°C/357°F), can result in spontaneous ignition in humid air. Corrosive to eyes (may cause blindness), skin, nose, throat and stomach. Can be handled in open atmosphere at room temperature, either coated with mineral oil or where relative humidity is maintained below 50%. To maintain best quality, humidity levels of less than 2% are recommended. Wear safety glasses or goggles and dry rubber gloves. Store in original unopened shipping container. Once opened, store in argon atmosphere or mineral oil. Keep away from water, humid air, acids and oxidizing materials. <u>Keep away from heat, sparks</u>	Shipments of lithium metal are described as "Lithium, UN 1415," PG I. All shipments are Hazard Class 4.3 and require "Dangerous When Wet" labels
LithMelt	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids.	Stable under normal temperatures and pressures. Typical shelf life of >5 years when stored properly.	Colorless solution with slight vinegar-like odor. This product is mildly irritating to the skin and may be irritating to the eyes, respiratory tract and mucous membranes. Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep container closed.	Shipments of LithMelt are not classified as hazardous in transport. Shipments by post, parcel (e.g. UPS), air, water, rail, or road are acceptable within each carrier's weight limits and packaging
<p>Disclaimer: This information is not intended to replace Material Safety Data Sheets (MSDS). Please refer to the appropriate MSDS for more detail and check available safe handling guides.</p>				