

Manufactured Since 1942 by: Apex Engineering Products Corporation

RYDLYME

World's Leading Biodegradable Descaler

Lithium Mining

RYDLYME dissolves water scale, lime, struvite, vivianite, mud and rust deposits safely, quickly and effectively!



*the solution to your
water scale problems*

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Lithium mining processes can contribute to scale buildup in equipment, primarily due to the use of water in various stages of lithium extraction and processing. Scale buildup, often composed of minerals such as calcium, can occur in equipment like heat exchangers, reactors, and production lines. The presence of dissolved minerals in the water used in these processes can lead to the precipitation and accumulation of scale deposits when water evaporates or when certain chemical conditions change during the extraction and processing of lithium.

In mining operations, water is commonly used in several stages, including extraction, concentration, and processing of lithium-rich materials. The water used in these processes can carry dissolved minerals, and when exposed to heat or changes in chemical conditions, these minerals can precipitate out of the water, forming scale deposits. The scale buildup can impede heat transfer in heat exchangers, restrict fluid flow in reactors, and decrease the overall efficiency of production equipment, thereby affecting the efficiency of the mining operation.

To dissolve scale buildup, it's essential to use the best descaling agent, **RYDLYME**, to remove existing scale and prevent its reformation. Regular maintenance and the use of **RYDLYME** are often employed to maintain the efficiency and functionality of equipment in lithium mining operations.

Challenges in Lithium Mining

Water scale buildup, primarily comprised of calcium and other mineral deposits, poses a significant challenge in lithium mining operations. As water is utilized in various stages of lithium extraction and processing, scale accumulation on production equipment, cooling towers, condensers, heat exchangers, reactors and other water operated equipment, significantly reduces operational efficiency. This buildup impedes heat transfer, restricts flow, and reduces the effectiveness of these vital components.

The Role of **RYDLYME** Descaler

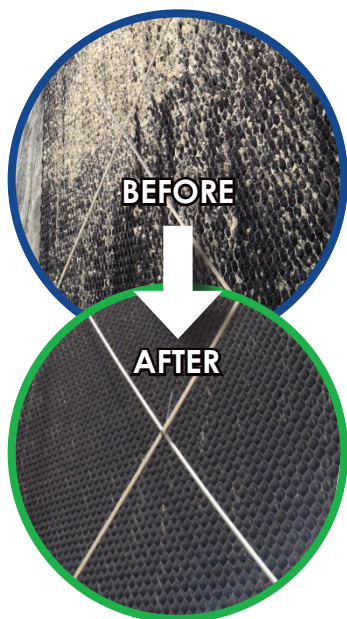
RYDLYME descaler emerges as a superior solution to address the challenges posed by water scale in lithium mining operations. Its formulation is specifically designed to efficiently dissolve and eliminate calcium and water scale deposits, effectively restoring the operational efficiency of production lines, cooling towers, condensers, heat exchangers, reactors and much more, safely and easily.

Efficacy of **RYDLYME** Descaler

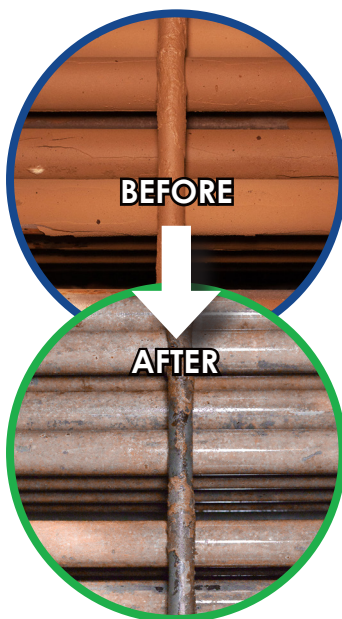
RYDLYME's unique chemical composition ensures its effectiveness in dissolving stubborn scale deposits without causing harm to the equipment or the environment. Its application not only removes existing scale but also prevents its reformation, ensuring sustained efficiency in mining operations. By restoring the equipment's optimal functionality, **RYDLYME** contributes to increased productivity, reduced downtime, and minimized maintenance costs, making it an indispensable tool in the lithium mining industry. **RYDLYME** is NSF/ANSI/CAN 60 certified and manufactured in an ISO certified facility in the United States.

What can **RYDLYME** descale?

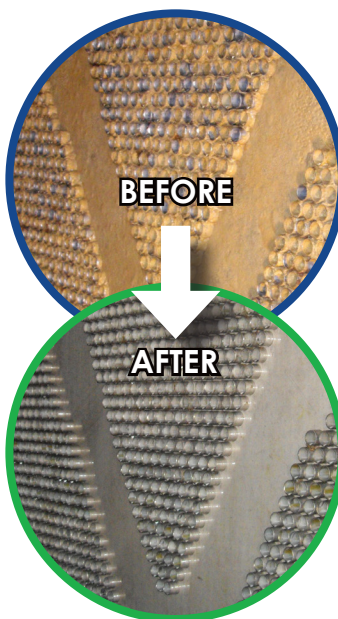
Cooling Tower Scale



Boiler Scale



Condenser Scale



Chiller Scale

