

Safe Disposal Information for SNS Lithium Battery

SNS Lithium Batteries contain the chemical substance Lithium thionyl chloride. These batteries must be disposed of properly in accordance with 40 CFR PARTS 261 & 262. Lithium batteries for disposal are classified as Waste Lithium Batteries, Class 9, UN3090, II for shipping purposes, and they have an EPA waste disposal code of D003 and D001.

While local regulations vary, Federal regulations allow up to 100Kg / month of lithium thionyl to be disposed of in common landfill locations. Lithium thionyl chloride batteries should be disposed of by an EPA permitted treatment, storage, and disposal facility. Many regional agencies will accept lithium thionyl chloride batteries for proper disposal.

Handling Instructions

Batteries should be protected from short circuit by:

- Placing tape over contacts located on either end
- Alternatively, batteries may be placed inside of individual plastic bags

Environmentally Friendly Alternatives

An option to disposal is to recycle lithium thionyl batteries. Multiple sources are available which sell and ship approved containers to your site, along with instructions for proper packaging and return shipment. One such source is:

The Big Green Box - <https://www.biggreenbox.com/>

- o Certified recycling for sealed lithium thionyl batteries.
- o Flat fee includes shipping and handling to and from your location, a pre-labeled UN approved container and all recycling fees.
- o 43-pound container capacity, 12"W X 11.5"L X 8"H