

Lithium Sulfide Shipping Instructions.

Transport information for Lithium sulfide

- ❖ **DOT regulations:**
- ❖ **Hazard class:** 4.3
- ❖ **Identification number:** UN2813
- ❖ **Packing group:** II
- ❖ **Proper shipping name (technical name):**
Water-reactive solid, n.o.s., lithium sulfide

- ❖ **Land transport ADR/RID (cross-border)**
- ❖ **ADR/RID class:** 4.3 Substances which, in contact with water, emit flammable gases
- ❖ **Item:** 20b
- ❖ **Danger code (Kemler):** 423
- ❖ **UN-Number:** 2813
- ❖ **Description of goods:** Water-reactive solid, n.o.s., lithium sulfide

- ❖ **Maritime transport IMDG:**
- ❖ **IMDG Class:** 4.3
- ❖ **UN Number:** 2813
- ❖ **Packaging group:** II
- ❖ **Proper shipping name:** Water-reactive solid, n.o.s., lithium sulfide

- ❖ **Air transport ICAO-TI and IATA-DGR:**
- ❖ **ICAO/IATA Class:** 4.3
- ❖ **UN/ID Number:** 2813
- ❖ **Packaging group:** II
- ❖ **Proper shipping name:** Water-reactive solid, n.o.s., lithium sulfide

PACKAGING

1. The lithium sulfide will be packaged under dry inert gas in 1.0kg units in a glass container.
2. The glass container will be placed inside a sealable double walled polyethylene pouch. The space between the pouch walls is filled with vermiculite...an inert, non-flammable sorbent and shock absorbing material.
3. Each pouch will be placed in an inner 8x8x12 inch box to eliminate the possibility of movement during transit.
4. The product filled boxes will be placed in a UN4GV21 authorized box, (outer packaging). The inner packages will be surrounded by at least 3 inches of vermiculite packing as recommended by US and international shipping regulations.
5. The outer shipping container will be labeled in accordance with all US and International shipping regulations.