

# COPPERHEAD CHEMICAL COMPANY

120 RIVER ROAD • TAMAQUA, PA 18252  
TEL: (570) 386-6123 • FAX: (570) 386-6158

Product Information Bulletin for:

## MIXED NITRATE ESTERS

Mixed Nitrate Esters are used in propellants and propulsion systems to achieve specific properties. They are normally prepared by blending the component nitrate esters but some can be produced by conitration. Most mixed nitrate esters are stabilized with ethyl centralite or other stabilizers such as 2NDPA. Some mixed nitrate esters are desensitized with methylene chloride. The mixed nitrate esters listed below have been approved for shipping as Class 1 Explosives.

### Specifications

The nitrate esters and other components meet the requirements of military specifications or customer requirements.

### Shipping Information

Designation	Approved Composition	Stabilized	Standard Packages
RXL 617	40/60 NG / TMETN	Yes	
RXL 618	50/50 DEGDN / TMETN	Yes	5 gallon inner packagings with a 1A2 outer packaging
RXL 619	40/60 NG / DEGDN	Yes	
RXL 638A	67/33 BTTN / TMETN in MeCl	Optional	30 gallon inner packagings with a 1A2 outer packaging
RXL 640	NG/BTTN Lacquer Premix	Yes	
RXL 648	65/35 NG / BTTN in MeCl	Yes	
RXL 684	50/50 NG / BTTN in MeCl	Yes	Palletized drums or desiccators authorized under DOT-SP 2709
RXL 1001	Nitrate Ester Lacquer diluted with a min. of 15% acetone	Yes	
<i>*Interim hazard classification</i>			

If you are looking for a responsive, reliable, and cost effective manufacturer, contact us at via telephone at (570) 386-6123 or via email at Sales@CopperheadChemical.com. For additional information and handing instructions, refer to the material safety data sheet.

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#### FOR YOUR PROTECTION:

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