

Ammonium Nitrate



columbia
river
nitrogen llc

83% Ammonium Nitrate Liquor

Product Description –

Columbia River Nitrogen's Ammonium Nitrate solution (AN) is a clear, colorless liquid that is heated to >225°F to keep the salt dissolved in solution. It is soluble in water and does not precipitate with any common chemical.

Properties

SDS#1021

Ammonium Nitrate (% wt.)	82-86
Water (% wt.)	14-18
Density (lbs/gallon)	11.10-11.63
Phosphate, maximum (mg/kg)	15
pH	4.5-6
Salt-out Temperature (°F) (open vessel)	160-170
Salt-out Temperature (°F) (closed vessel)	153-163
Boiling Point (°F)	268-280
Recommended Storage Temperature (°F)	200-250

Applications & Uses

Ammonium Nitrate liquor is used extensively in the mining industry.

Storage & Handling

Ammonium Nitrate solution is normally handled at temperatures greater than 176°F (80°C). Personal protective equipment should always reflect a thermal burn hazard.

When heated to decomposition at temperatures above 300°F, emits toxic fumes.

Smothering or contact with organic or combustible material may cause an explosive situation.

Do not puncture or incinerate container.

For more information, see the safety data sheet.

For detailed specifications, safety data sheets, or application guidance please contact us at: columbiarivernitrogen.com

This document contains proprietary information. All specifications subject to change without notice. Always consult current Safety Data Sheet