

ADVACor® ABR ABSORPTION REFRIGERANT

CAS No. 7732-18-5

QS-PDS-1000 Revision: 00

ADVACor™ ABR

Application Refrigerant for Absorption Chillers

Appearance Clear solution

Product Specifications

Guaranteed

| | |
|------------------------|----------------|
| Cl, wppm | 10 |
| Cu, wppm | 5 |
| Ca+ Mg, wppm | 20 |
| Na + K, wppm | 50 |
| NH ₄ , wppm | 1 |
| pH | 5 – 7 |
| SO ₄ , wppm | 50 |
| Resistance, ohms – cm | 1000 – 1000000 |

Physical Properties

| | |
|-----------------------|------------------------------------|
| Odor | Odorless |
| Appearance | Clear, colorless, tasteless liquid |
| pH | 6 |
| Percent Volatile | 100% |
| Vapor Pressure | 17.5 mm Hg @ 20°C (water) |
| Vapor Density | Not applicable |
| Boiling Point | 100°C (212°F) |
| Melting Point | 0°C (32°F) (Expands on freezing) |
| Solubility in Water | 100% |
| Evaporation Rate | Not available |
| Specific Gravity | 1 |
| Molecular Weight | 18.02 |
| Coefficient Oil/Water | Not applicable |
| Odor Threshold | Not applicable |

Toxicity/Safety Data

Clear, colorless, odorless liquid. No significant health effects expected.

Additional information on toxicity and safety is contained in the Material Safety Data Sheet (MSDS) available for this product.

Air Treatment Construction Energy Fine Chemicals Glass & Ceramics Greases & Lubricants Polymers Pool Water Treatment

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Handling/Storage/Disposal Avoid contact with eyes, skin or clothing. Keep container closed. Dispose of waste according to local and Federal laws and regulations.

Shipping Containers 460 pounds (208.6 kg) of product in 55 gallon (208 L) plastic cubes

Shipping Limitations This product is not restricted by transportation regulations and is acceptable within each carrier's weight limits and packaging requirements.

Responsible Care initiative dictates that all shipments of lithium chemicals must be transported in an approved vehicle in a responsible manner (i.e., no flat bed trucks).