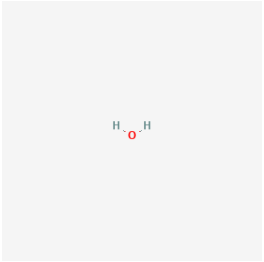
Technical Data Sheet

Inhibited Deionized Water, Glycol-Free — Data Center Coolant

Alliance Code	Revised	Revision
SHOPIFY-15469838827753	2026-11-12	1.1

CAS number

7732-18-5



Structure · PubChem

Signal word

Not Classified

IDENTITY & COMPOSITION

PRODUCT NAME

Inhibited Deionized Water, Glycol-Free — Data Center Coolant

ALLIANCE CODE

SHOPIFY-15469838827753

GRADE

—

CONCENTRATION

—

CAS NUMBER

7732-18-5 Adjudicated

FORMULA

H2O Adjudicated

MOLECULAR WEIGHT

18.02 Adjudicated

PRODUCT TYPE

Mixture

SPECIFICATIONS

TEST	SPECIFICATION	TYPICAL	METHOD	SOURCE
Glycol content	None added (0 %)	—	Formulation (batch weights)	Interpreted
Corrosion inhibitor package	1.8 - 2.2 % w/w (Formula 1500OP, nitrite-free)	—	Formulation (batch weights)	Interpreted

TEST	SPECIFICATION	TYPICAL	METHOD	SOURCE
Nitrite (as NO2)	None added	—	Formulation (inhibitor SDS composition)	Interpreted

Values are reproduced from the current product reference. Source labels do not by themselves establish a supplier guarantee or a test result for your lot. Confirm applicable acceptance limits and request lot-specific documentation.

PHYSICAL & CHEMICAL PROPERTIES

PROPERTY	VALUE	SOURCE
Appearance	Clear liquid, free of sediment and suspended matter (not dyed)	Interpreted
Odor	Odorless to faint	Adjudicated
Specific Gravity	~1.00 (20 °C)	Adjudicated
Density	~1.00 g/mL at 20 °C	Adjudicated
Boiling Point	~100 °C (212 °F)	Adjudicated
Melting Point	~0 °C (32 °F); no freeze protection	Adjudicated
Flash Point	Not flammable (aqueous solution)	Adjudicated
Solubility (water)	Miscible with water	Adjudicated

REGULATORY & TRANSPORT

DOT / 49 CFR

UN NUMBER
Not regulated Adjudicated

HAZARD CLASS
Not regulated Adjudicated

PACKING GROUP
Not regulated Adjudicated

PROPER SHIPPING NAME
Not regulated Adjudicated

GHS / OSHA HCS 2024

SIGNAL WORD
Not Classified Adjudicated

H-CODES (HAZARD STATEMENTS)
— no canonical

P-CODES (PRECAUTIONARY STATEMENTS)
— no canonical

OCCUPATIONAL EXPOSURE LIMITS

OSHA PEL (29 CFR 1910.1000)
— no canonical

ACGIH TLV
— no canonical

NIOSH REL
— no canonical

NIOSH IDLH
— no canonical

Transport descriptions reflect 49 CFR 172.101 lookup at time of publication. Sourced data: NIOSH Pocket Guide for REL/IDLH, OSHA Z-Tables for PEL. Always verify against the latest regulatory text before shipment-critical decisions.

APPLICATIONS

Glycol-free closed-loop heat-transfer fluid for indoor liquid-cooling loops, chillers and thermal test systems that stay above freezing. Provides no freeze protection.

Adjudicated

Restrictions on Use: Not for loops exposed to freezing temperatures. Not for food-contact, incidental-food-contact or potable-water service.

STORAGE & HANDLING

RECOMMENDED STORAGE

Refer to component-specific SDS guidance. Cool, dry, well-ventilated area unless component data dictates otherwise.

Class-level guidance — not product-specific; the SDS controls.

HANDLING PRECAUTIONS

PPE selected per most-hazardous component. Refer to product SDS for full hazard profile.

Class-level guidance — not product-specific; the SDS controls.

INCOMPATIBILITIES

Determined by component profile — consult SDS.

Class-level guidance — not product-specific; the SDS controls.

SHELF LIFE

Consult Technical Services for product-specific shelf life

For full hazard, PPE, and emergency response guidance, refer to the Safety Data Sheet (SDS) for this product. The SDS controls in all cases where guidance differs.

PACKAGING & LOGISTICS

SHIPPING DESCRIPTION (US DOT)

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Not regulated for transport.
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Confirm against shipping documents and carrier requirements before tender.

NMFC CLASS

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REVISION HISTORY

Last reviewed 2026-11-12 by Andre Taki, Chief Commercial Officer, DOT Hazmat–certified (49 CFR 172.704).

VERSION	DATE	CHANGE	TRIGGER
1.1	2026-11-12	Canonical data updated: 14 fields changed via the provenance/adjudication pipeline. • casNumber · canonical change (coa.data_provenance / adjudication) • formula · canonical change (coa.data_provenance / adjudication) • molecularWeight · canonical change (coa.data_provenance / adjudication) • unNumber · canonical change (coa.data_provenance / adjudication) • hazardClass · canonical change (coa.data_provenance / adjudication) • packingGroup · canonical change (coa.data_provenance / adjudication) • dotProperShippingName · canonical change (coa.data_provenance / adjudication) • dotSubsidiaryHazardClass · canonical change (coa.data_provenance / adjudication) • ghsClassification · canonical change (coa.data_provenance / adjudication) • signalWord · canonical change (coa.data_provenance / adjudication) • physicalProperties · canonical change (coa.data_provenance / adjudication) • recommended_use · canonical change (coa.data_provenance / adjudication) • restrictions_on_use · canonical change (coa.data_provenance / adjudication) • synonyms · canonical change (coa.data_provenance / adjudication)	canonical_change

This Technical Data Sheet is provided for technical reference. The Safety Data Sheet (SDS) controls in all cases where guidance differs. Values reflect Alliance Chemical canonical data at time of generation; subsequent revisions are recorded in the Revision History above.