

TECHNICAL DATA SHEET

Arctic Assist

USP Grade

CAS NUMBER
57-55-6

ALLIANCE CODE
arctic-assist

GENERATED
2026-07-17

1. IDENTITY & COMPOSITION

PRODUCT NAME
Arctic Assist

ALLIANCE CODE
arctic-assist

GRADE
USP Grade

CONCENTRATION
—

CAS NUMBER
57-55-6 Adjudicated

FORMULA
C3H8O2 Adjudicated

MOLECULAR WEIGHT
76.09 g/mol Adjudicated

PRODUCT TYPE
mixture

AVAILABLE GRADES SAME CAS, ALTERNATE GRADES AND CONCENTRATIONS

GRADE	CONCENTRATION	TYPICAL ASSAY	SKU
THIS GRADE USP Grade	—	—	current
USP Grade	—	—	arctic-assist-50-50
USP Grade	—	—	arctic-assist-60-40

Typical assay shown is the rolling-window mean from the sibling product's most recent lots. Grade selection drives downstream end-use — verify the sibling grade matches your specification before substitution.

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE

pink dyed liquid, low viscosity **Product record**

BOILING POINT

165 **Product record**

FLASH POINT

62 **Product record**

FORM

Liquid **Product record**

MELTING POINT

-9 **Product record**

SOLUBILITY (WATER)

Moderate organic solvent solubility
Product record

REGULATORY & TRANSPORT

DOT / 49 CFR

UN NUMBER

Not regulated **Adjudicated**

PACKING GROUP

Not regulated **Adjudicated**

HAZARD CLASS

Not regulated **Adjudicated**

PROPER SHIPPING NAME

Not regulated **Adjudicated**

GHS / OSHA HAZCOM 2012

SIGNAL WORD

Not regulated **Adjudicated**

H-CODES (HAZARD STATEMENTS)

— **unknown**

P-CODES (PRECAUTIONARY STATEMENTS)

— **unknown**

OCCUPATIONAL EXPOSURE LIMITS

OSHA PEL (29 CFR 1910.1000)

— **unknown**

ACGIH TLV

— **unknown**

NIOSH REL

— **unknown**

NIOSH IDLH

— **unknown**

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

Supplier Qualification Packet

One zipped download containing the TDS, SDS, latest lot COA (when available), and a fresh Letter of Continuing Guaranty for Arctic Assist. Every file included is SHA-256 hashed and listed in a manifest your QA team can audit.

APPLICATION GUIDANCE

Arctic Assist (USP Grade) is supplied as a mixture. Refer to the component composition section and consult Alliance Chemical Technical Services for application-specific formulation guidance.

- Application-specific formulation — contact technical services

STORAGE & HANDLING

RECOMMENDED STORAGE

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

HANDLING PRECAUTIONS

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

INCOMPATIBILITIES

Determined by component profile — consult SDS.

SHELF LIFE

24 months from date of manufacture in sealed, original packaging

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.

REVISION HISTORY

Last reviewed 2026-05-20 by Hossein Taki, Vice President (Vice President, Alliance Chemical · CAGE Code 1LT50 · DOT Hazmat Registrant #2188383).

VERSION	DATE	CHANGE	TRIGGER
1.0	2026-05-20	Initial URL-first TDS published from canonical chemistry registry.	initial

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.

ALLIANCE CHEMICAL

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