

TECHNICAL DATA SHEET

Gleam Guru - Ammonia Cleaning Solution

Technical Grade

Technical · 10%

CAS NUMBER

1336-21-6

ALLIANCE CODE

gleam-guru-ammonia-cleaning-
solution

GENERATED

2026-08-24

1. IDENTITY & COMPOSITION

PRODUCT NAME

Gleam Guru - Ammonia Cleaning Solution
Technical Grade

ALLIANCE CODE

gleam-guru-ammonia-cleaning-solution

GRADE

Technical

CONCENTRATION

10%

CAS NUMBER

1336-21-6 Adjudicated

FORMULA

H5NO Adjudicated

MOLECULAR WEIGHT

35.05 Adjudicated

PRODUCT TYPE

solution

PHYSICAL & CHEMICAL PROPERTIES

One or more physical-property values are temporarily suppressed pending verification against vendor COA data. For complete properties refer to the Safety Data Sheet (SDS) or contact sales@alliancechemical.com.

FORM

Liquid [Product record](#)

PH

pH of 1.0N aqueous solution 11.6; 0.1N aqueous solution 11.1; 0.01N aqueous solution 10.6

[Product record](#)

DENSITY

0.99 (10% w/w aqueous solution, 20 °C)

[Product record](#)

MELTING POINT

Not characterized for the 10% solution

[Product record](#)

VAPOR PRESSURE

400 mmHg at -49.72 °F (EPA, 1998)

[Product record](#)

ODOR

Sharp, cloying, repellent [Product record](#)

SPECIFIC GRAVITY (20 °C)

0.99 [Product record](#)

BOILING POINT

Not characterized for the 10% solution

[Product record](#)

FLASH POINT

132 °C (270 °F) – closed cup [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

Danger **Adjudicated**

H-CODES (HAZARD STATEMENTS)

H314, H335, H400 **Adjudicated**

P-CODES (PRECAUTIONARY STATEMENTS)

P260, P264, P271, P273, P280, P301+P330+P331,
P303+P361+P353, P304+P340, P305+P351+P338,
P310, P321, P363, P391, P403+P233, P405, P501...

OCCUPATIONAL EXPOSURE LIMITS

OSHA PEL (29 CFR 1910.1000)

50 ppm TWA **OSHA 29 CFR 1910.1000**

ACGIH TLV

— **unknown**

NIOSH REL

25 ppm TWA / 35 ppm STEL

NIOSH Pocket Guide

NIOSH IDLH

300 ppm **NIOSH Pocket Guide**

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 Gleam Guru – Ammonia Cleaning Solution Technical Grade. Every file included is SHA-256 hashed and listed in a manifest your QA team can audit.

APPLICATION GUIDANCE

Gleam Guru – Ammonia Cleaning Solution Technical Grade (Technical) application guidance is available on request. Contact Alliance Chemical Technical Services for grade-specific use recommendations.

STORAGE & HANDLING

RECOMMENDED STORAGE

Cool, dry, well-ventilated area in original sealed containers. Refer to product SDS for material-specific guidance.

INCOMPATIBILITIES

Consult the SDS for material-specific incompatibilities.

HANDLING PRECAUTIONS

Use standard chemical PPE — splash goggles, gloves, lab coat. Refer to SDS for hazard-specific PPE requirements.

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 2026-07-17 by Andre Taki, DOT Hazmat Specialist.

VERSION	DATE	CHANGE	TRIGGER
1.1	2026-07-17	Canonical data re-verified: 11 fields updated against independent vendor SDSs, CLP Annex VI, 49 CFR, and OSHA HazCom 2024 (GHS classification, hazard/precautionary codes, signal word, physical properties as applicable). - casNumber · canonical adjudication / reground (coa.data_provenance) - countryOfOrigin · canonical adjudication / reground (coa.data_provenance) - dotSubsidiaryHazardClass · canonical adjudication / reground (coa.data_provenance) - formula · canonical adjudication / reground (coa.data_provenance) - ghsClassification · canonical adjudication / reground (coa.data_provenance) - hazard_h_codes · canonical adjudication / reground (coa.data_provenance) - hazard_p_codes · canonical adjudication / reground (coa.data_provenance) - hsCode · canonical adjudication / reground (coa.data_provenance) - molecularWeight · canonical adjudication / reground (coa.data_provenance) - physicalProperties · canonical adjudication / reground (coa.data_provenance) - signalWord · canonical adjudication / reground (coa.data_provenance)	canonical_change
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

Order Gleam Guru – Ammonia Cleaning Solution Technical Grade

Bulk & packaged sizes · COA/SDS ships with every order