Technical Data Sheet

Blendpro - Professional Paint Thinning Solution Technical Grade

Technical

Alliance Code	Revised	Revision
blendpro-professional-paint-thinning-solution	2026-11-22	1.9

UN number	Hazard class · packing group	Grade	Signal word
UN1263	3 · PG II	Technical	**Danger**

Hazards

Flammable | Irritant / harmful | Health hazard | H225 H304 H315 H319 H336 H361d H373 H412

Proper shipping name

Paint related material including paint thinning, drying, removing, or reducing compound (Acetone, ethyl acetate, toluene)

IDENTITY & COMPOSITION

PRODUCT NAME

Blendpro - Professional Paint Thinning Solution Technical Grade

ALLIANCE CODE

blendpro-professional-paint-thinning-solution

GRADE

Technical

CONCENTRATION

—

PRODUCT TYPE

Solution

SPECIFICATIONS

Not yet characterized — Specification limits for this product have not been published yet. Contact Technical Services for the current specification and available lot-specific documentation.

PHYSICAL & CHEMICAL PROPERTIES

PROPERTY	VALUE	SOURCE
Appearance	Transparent light-weight solvent liquid	Adjudicated
Odor	Solvent (acetone / ester / aromatic)	Published reference
Specific Gravity	~0.83	Published reference
Density	~0.83 g/mL	Published reference
Boiling Point	56-111 °C (blend range: acetone 56 → toluene 111)	Adjudicated
Flash Point	≈ -9 °C (16 °F), closed cup — estimated for the ~1:1:1 acetone / ethyl acetate / toluene blend (acetone-governed); Class IB, H225	Adjudicated
Solubility (water)	Miscible with common organic solvents; partially water-miscible (acetone/ethyl-acetate fractions)	Published reference

REGULATORY & TRANSPORT

DOT / 49 CFR

UN NUMBER

UN1263 Adjudicated

HAZARD CLASS

3 Adjudicated

PACKING GROUP

II Adjudicated

PROPER SHIPPING NAME

Paint related material including paint thinning, drying, removing, or reducing compound (Acetone, ethyl acetate, toluene)

Adjudicated

GHS / OSHA HCS 2024

SIGNAL WORD

Danger Adjudicated

H-CODES (HAZARD STATEMENTS)

H225, H304, H315, H319, H336, H361d, H373, H412

Adjudicated

P-CODES (PRECAUTIONARY STATEMENTS)

P201, P202, P210, P233, P240, P241, P242, P243, P260, P264, P273, P280, P301+P310, P302+P352, P303+P361+P353, P305+P351+P338, P308+P313, P312, P314, P321, P331, P332+P313, P337+P313, P362, P370+P378, P403+P233, P403+P235, P405, P501

Adjudicated

OCCUPATIONAL EXPOSURE LIMITS

OSHA PEL (29 CFR 1910.1000)

1000 ppm TWA (CAS 67-64-1); 400 ppm TWA (CAS 141-78-6); 200 ppm TWA / 300 ppm Ceiling (CAS 108-88-3)

Adjudicated

ACGIH TLV

— no canonical

NIOSH REL

250 ppm TWA (CAS 67-64-1); 400 ppm TWA (CAS 141-78-6); 100 ppm TWA / 150 ppm STEL (CAS 108-88-3)

Adjudicated

NIOSH IDLH

2500 ppm (CAS 67-64-1); 2000 ppm (CAS 141-78-6); 500 ppm (CAS 108-88-3)

Adjudicated

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.

APPLICATION GUIDANCE

Blendpro - Professional Paint Thinning Solution Technical Grade (Technical) application guidance is available on request. Contact Alliance Chemical Technical Services for grade-specific use recommendations.

STORAGE & HANDLING

RECOMMENDED STORAGE

Keep containers tightly closed in a cool, dry, well-ventilated flammable-liquids area away from heat, sparks, flame and combustible materials. Store locked up. Use explosion-proof equipment and non-sparking tools; ground and bond containers before transfer.

Adjudicated

HANDLING PRECAUTIONS

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

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

INCOMPATIBILITIES

Strong oxidizing agents (reacts violently with perchloric acid); strong acids; strong bases.

Adjudicated

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)

```
UN1263, Paint related material including paint thinning, drying, removing, or reducing compound (Acetone, ethyl acetate, toluene), 3, PG II
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Sourced from 49 CFR 172.101. Confirm against shipping documents and carrier requirements before tender.

NMFC CLASS	PLACARD	PACKING GROUP
70	Flammable Liquid	PG II

REVISION HISTORY

Last reviewed 2026-11-22 by Andre Taki, Chief Commercial Officer, DOT Hazmat–certified (49 CFR 172.704).

VERSION	DATE	CHANGE	TRIGGER
1.9	2026-11-22	Canonical data updated: 3 fields changed via the provenance/adjudication pipeline. • `ghsClassification` · canonical change (coa.data_provenance / adjudication) • `hazard_h_codes` · canonical change (coa.data_provenance / adjudication) • `hazard_p_codes` · canonical change (coa.data_provenance / adjudication)	`canonical_change`

VERSION	DATE	CHANGE	TRIGGER
1.8	2026-10-13	Canonical data updated: 4 fields changed via the provenance/adjudication pipeline. • storage_precautions · canonical change (coa.data_provenance / adjudication) • incompatible_materials · canonical change (coa.data_provenance / adjudication) • conditions_to_avoid · canonical change (coa.data_provenance / adjudication) • hazardous_decomposition_products · canonical change (coa.data_provenance / adjudication)	canonical_change
1.7	2026-10-07	Canonical data updated: 3 fields changed via the provenance/adjudication pipeline. • ghsClassification · canonical change (coa.data_provenance / adjudication) • hazard_h_codes · canonical change (coa.data_provenance / adjudication) • hazard_p_codes · canonical change (coa.data_provenance / adjudication)	canonical_change
1.6	2026-10-05	Canonical data updated: 3 fields changed via the provenance/adjudication pipeline. • oel_osha_pel · canonical change (coa.data_provenance / adjudication) • oel_niosh_rel · canonical change (coa.data_provenance / adjudication) • oel_idlh · canonical change (coa.data_provenance / adjudication)	canonical_change
1.5	2026-10-03	Canonical data updated: 1 field changed via the provenance/adjudication pipeline. • boilingPoint · canonical change (coa.data_provenance / adjudication)	canonical_change
1.4	2026-09-30	Canonical data updated: 2 fields changed via the provenance/adjudication pipeline. • boilingPoint · canonical change (coa.data_provenance / adjudication) • appearance · canonical change (coa.data_provenance / adjudication)	canonical_change
1.3	2026-09-10	Canonical data updated: 1 field changed via the provenance/adjudication pipeline. • flashPoint · canonical change (coa.data_provenance / adjudication)	canonical_change
1.2	2026-07-22	Canonical data updated: 2 fields changed via the provenance/adjudication pipeline. • dotSubsidiaryHazardClass · canonical change (coa.data_provenance / adjudication) • dotProperShippingName · canonical change (coa.data_provenance / adjudication)	canonical_change

VERSION	DATE	CHANGE	TRIGGER
1.1	2026-07-17	Canonical data re-verified: 5 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) • 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) • physicalProperties · 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.