Prohexadione-calcium 92% TC - Safety Data Sheet

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Product name	Prohexadione-calcium 92% TC [COA]
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Format	GHS / CLP 16-section Safety Data Sheet [WEB]
Language	EN [WEB]

Scope: technical material (TC) only. Compiled from the supplier prior SDS, batch-specific CoA / QC release reports and third-party substance SDS. Values not stated in any source are shown as OPEN items and have NOT been estimated.

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	Prohexadione-calcium 92% TC [COA]
Product type	Technical material (TC) - plant growth regulator active substance [SDS1]
Active substance	Prohexadione calcium (CAS 127277-53-6) [COA]
CAS No. / EC No.	127277-53-6 / EC 603-193-5 [ECHA]
CIPAC No.	567.020 (prohexadione-calcium); 567 (prohexadione) [REG]
US EPA chemical code	112600 (regulatory identifier of the active substance; not a registration number for this company) [EPA]
Molecular formula / molar mass	C10H10CaO5 / 250.26 g/mol [SDS1]
IUPAC name	calcium 3-oxido-5-oxo-4-propionylcyclohex-3-enecarboxylate [TDS1]

1.2 Relevant identified uses and uses advised against

Identified use	Active substance / technical material for further formulation into plant growth regulator products. Not for direct application to crops. [SDS1]
Uses advised against	Any use other than the identified use. Not for domestic or residential use. [WEB]

1.3 Details of the supplier

Supplier	Shanghai Bosman Industrial Co., Limited [WEB]
Address	No. 1611, North Sichuan Road, Hongkou District, Shanghai 200080, P.R. China [WEB]
Telephone / Fax	+86 21 6306 5878 / +86 21 6091 1557 [WEB]
E-mail / Website	info@bosmangroup.com / www.bosmangroup.com [WEB]

1.4 Emergency telephone number

24-hour emergency line	+86 21 6356 6528 [WEB]
Poison centre	Contact the national poisons information centre or local emergency services (e.g. 120 in mainland China) [WEB]

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified. According to Regulation (EC) No 1272/2008 (CLP) the substance does not meet the criteria for classification. This assessment is consistent across the supplier MSDS v1.0 and two independent third-party substance SDS, and is supported by acute oral LD50 >5000 mg/kg and aquatic toxicity endpoints >100 mg/L.

Revision note: website SDS issue v3.0 (03 November 2026) listed Eye Irrit. 2 (H319) and Aquatic Chronic 3 (H412). No supporting study data were found in the supplied documentation; that classification is withdrawn here. Formal classification remains subject to QC / regulatory sign-off.

2.2 Label elements

CLP label elements	Not required - no pictogram, no signal word, no hazard statement [CHEM]
Additional handling advice (not CLP label elements)	P261 Avoid breathing dust; P264 Wash hands thoroughly after handling; P280 Wear protective gloves / eye protection; P273 Avoid release to the environment. [GOJI]

2.3 Other hazards

Deposited combustible dust has explosion potential under intensive dust formation (third-party SDS). Not PBT / vPvB according to the available assessment. No endocrine-disrupting properties identified in the supplied sources.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances - technical material

Component / parameter	Value	Source
Prohexadione calcium	CAS 127277-53-6; EC 603-193-5; CIPAC 567.020 (prohexadione-calcium); 567 (prohexadione); C10H10CaO5; 250.26 g/mol [ECHA]	
Assay (specification)	>=92.0 % w/w [COA]	
Assay (measured batch)	93.5 % w/w (batch 20260901); 93.5 % (batch 20260403085) [COA]	
Calcium ion (specification)	>=14.7 % w/w [QC]	
Calcium ion (measured batch)	15.2 % (batch 20260403085) [QC]	
Water (specification / batch)	<=3.0 % / 0.6 % (batch 20260901 / 20260403085) [COA]	
Insoluble matter (specification / batch)	<=0.5 % / 0.1 % (batch 20260901) [COA]	
Other components	Inert manufacturing impurities, balance to 100 %; determined not to be hazardous. Identities not stated (OPEN). [SDS1]	

3.2 Mixtures

Not applicable - the technical material is handled as a single substance. Batch assay values are measurements, not guaranteed specification limits.

4 FIRST-AID MEASURES

General	If poisoning is suspected, contact a poison information centre, doctor or nearest hospital immediately. Show the container, label or this SDS. [SDS1]
Inhalation	Move to fresh air. If breathing has stopped, call emergency services and give artificial respiration. [SDS1]
Eye contact	Hold the eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses after the first 5 minutes and continue rinsing. [SDS1]
Skin contact	Take off contaminated clothing and rinse skin with plenty of water for 15-20 minutes. [SDS1]
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. [GOJI]
Most important symptoms	Slight eye irritation. No other specific symptoms known. [SDS1]
Note to physician	Treat symptomatically; no specific antidote known. [SDS1]

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, alcohol-resistant foam, dry chemical powder or carbon dioxide. [SDS1]
Unsuitable media	High-pressure water jet - may spread burning dust. [CHEM]
Specific hazards	Carbon oxides and calcium oxide; deposited combustible dust may present an explosion hazard. [SDS1]
Protective equipment	Full protective clothing and self-contained breathing apparatus. Contain fire-fighting water; do not allow it to enter drains or watercourses. [SDS1]

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid dust formation and inhalation; use PPE per Section 8; keep unnecessary personnel away. [SDS1]
Environmental precautions	Prevent entry into soil, drains, sewage and any body of water. [SDS1]
Containment and cleaning	Sweep up without creating dust, place in a compatible sealed container, then wash the area with detergent and collect the wash liquid. [SDS1]

7 HANDLING AND STORAGE

Handling	Provide local exhaust ventilation where dust is formed. Avoid contact with skin, eyes and clothing; do not eat, drink or smoke while handling; wash hands and exposed skin before breaks. [SDS1]
Storage	Store in the tightly closed original container in a cool, dry, well-ventilated area out of direct sunlight. Keep away from food, feed, fertilisers and seeds. Keep out of reach of children. [TDS1]
Packaging material	25 kg drum or customised package (supplier TDS) - keep the original container. [TDS1]

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters	No occupational exposure limit, DNEL or PNEC values are stated in the supplied sources (OPEN). [OPEN]
Engineering controls	General and local exhaust ventilation to keep airborne dust below applicable exposure limits. [SDS1]
Eye / face protection	Chemical splash goggles where contact is likely. [SDS1]
Skin protection	Chemical-resistant gloves (nitrile or butyl), coveralls and chemical-resistant footwear. [SDS1]
Respiratory protection	Where airborne concentrations may exceed limits, use a NIOSH/CEN-approved particulate filter (N95 / P1) or supplied-air respirator for uncontrolled releases. [SDS1]

Environmental exposure control	Do not let product enter drains. [GOJI]

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Property	Value	Source
Physical state	Solid, loose powder [COA]	
Colour	Off-white to beige / pale yellow powder [COA]	
Odour	Characteristic (third-party SDS); supplier SDS states 'NA' [GOJI]	
pH	6.0 - 9.0 (specification); 7.3 (batch 20260901) [COA]	
Melting / freezing point	>360 deg C (third-party SDS) [CHEM]	
Initial boiling point / range	*OPEN - not stated in source* [OPEN]	
Flash point	Not applicable - solid technical material [CHEM]	
Flammability (solid, gas)	Combustible solid; deposited dust may form explosive dust clouds (third-party SDS). No combustibility test data supplied. [CHEM]	
Explosive properties	Not classified as explosive; dust-cloud explosion potential to be assessed [CHEM]	
Upper / lower explosive limits	*OPEN - not stated in source* [OPEN]	
Auto-ignition temperature	*OPEN - not stated in source* [OPEN]	
Decomposition temperature	*OPEN - not stated in source* [OPEN]	
Vapour pressure	1.335 x 10^-5 Pa at 20 deg C (1.335 x 10^-2 mPa; APVMA/PMRA); 1.737 x 10^-5 Pa at 25 deg C. Low volatility. [PPDB]	
Relative density / bulk density	~1.44 g/mL at 20-22 deg C (relative density / specific gravity; range 1.435-1.46 g/mL from GESTIS 1.435 at 20 deg C, APVMA 1.44 at 22 deg C, PPDB 1.46). Bulk density not separately stated (OPEN). [GESTIS]	
Relative vapour density	Not significant - vapour pressure is very low (1.335 x 10^-5 Pa at 20 deg C). [OPEN]	
Water solubility	174 mg/L in distilled water at 20 deg C (supplier TDS; test method to be confirmed) Independently reported as 174 mg/L in distilled water at 20 deg C by the US EPA - two independent public sources agree. [TDS1]	
Partition coefficient n-octanol/water	-2.9 at 20 deg C, pH 7 (APVMA, PMRA, GESTIS and PPDB - multiple regulatory sources; supersedes earlier single-source 'to be verified' note). [AG]	
Dissociation constant (pKa)	5.15 (weak acid; pKa(2) 7.98 - APVMA/PPDB). Independently confirmed at 5.15 by the US EPA fact sheet (Kow 1.25 x 10^-3, log Kow about -2.90, consistent with -2.9 above). [PPDB]	
Kinematic viscosity	Not relevant - solid material [CHEM]	
Oxidising properties	None (third-party SDS) [CHEM]	
Particle characteristics	Fine powder (APVMA/PMRA describe the pure active as a fine powder). Numeric particle-size distribution is a manufacturing/lot-dependent parameter and is not a fixed TC specification; no specific distribution supplied for this product (OPEN). [AG]	

9.2 Other information

Water content <=3.0 % (measured 0.6 % (batch 20260901 / 20260403085)); insoluble matter <=0.5 % (measured 0.1 % (batch 20260901)); calcium ion >=14.7 % w/w (measured 15.2 % (batch 20260403085)). These are batch-specific CoA / QC release values, not CLP physico-chemical endpoints.

10 STABILITY AND REACTIVITY

Reactivity	No data available (OPEN). [OPEN]
Chemical stability	Stable under recommended storage conditions. [SDS1]
Possibility of hazardous reactions	No data available (OPEN). [OPEN]
Conditions to avoid	Dust formation, heat sources and ignition sources; no other specific conditions stated. [CHEM]
Incompatible materials	Strong oxidising agents [SDS1]
Hazardous decomposition products	Carbon oxides and calcium oxide under fire conditions [SDS1]
Shelf life	2 years when stored in the original sealed container under recommended conditions (per client instruction; consistent with the APVMA evaluation stating the active is expected stable for at least 2 years). [USR]

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Endpoint	Result	Source
Acute oral LD50	>5000 mg/kg bw (rat and mouse) [SDS1]	
Acute dermal LD50	>2000 mg/kg bw (rat) [SDS1]	
Acute inhalation LC50	>4.21 mg/L air (4 h, whole body, rat) [SDS1]	
Skin / eye irritation	Slightly irritating to eyes; not irritating to skin (rabbit) [SDS1]	
Repeated-dose NOEL / AOEL	2 y rat: male 93.9, female 114 mg/kg bw/day; 2 y mouse: male 279, female 351 mg/kg bw/day; 1 y dog: 20 mg/kg bw/day; AOEL (EU) 0.35 mg/kg bw/day [SDS1]	
Mutagenicity / teratogenicity	Non-mutagenic, non-teratogenic (rat and rabbit) [SDS1]	
Carcinogenicity	Negative in 2-year rat and mouse studies; EPA classified 'not likely to be carcinogenic to humans'. This is a regulatory assessment conclusion, NOT a GHS/CLP classification, and does not replace a mixture classification. [EPA]	
Mutagenicity (study battery)	Not mutagenic in bacteria or mammalian cells; no structural chromosomal aberrations in CHO cells in vitro or in rats/mice in vivo; mouse micronucleus negative (US EPA Fact Sheet 2000). [EPA]	
Developmental / reproductive toxicity	No treatment-related developmental effects in rats (up to 1000 mg/kg bw/day limit dose) or rabbits (150/200/350 mg/kg bw/day). Maternal effects were seen in rabbits at 200 and 350 mg/kg bw/day and are reproduced here verbatim (US EPA 2000). [EPA]	
Neurotoxicity	No evidence of neurotoxicity in acute or chronic neurotoxicity studies or in any other toxicity study; a developmental neurotoxicity study was not required (US EPA Fact Sheet 2000). [EPA]	
Metabolism / toxicokinetics	Rapidly absorbed in rats (highest tissue/carcass concentration within 30 min); no tissue accumulation; renal excretion predominates at low doses; the main metabolite is the free acid (US EPA Fact Sheet 2000). [EPA]	
Chronic reference dose (US cRfD / cPAD)	cRfD / cPAD 0.80 mg/kg bw/day; NOAEL 80 mg/kg bw/day (1-year dog study, dilated basophilic kidney tubules). A US regulatory reference dose - it is NOT an EU DNEL/PNEC/OEL, which remain OPEN. [EPA]	
Sensitisation	Not classified as a skin or respiratory sensitiser; no positive sensitisation study report supplied (OPEN). [OPEN]	

Rows sourced [EPA] are active-substance findings taken verbatim from the US EPA Pesticide Fact Sheet (2000). They are supporting information for the technical material and are NOT studies performed on this 92% TC formulation; they do not replace formulation-specific studies and do not alter the GHS/CLP classification, which is set out in Section 2 and Section 15.
The supplier TDS states acute inhalation LC50 >4.0 mg/L; the value >4.21 mg/L from the supplier MSDS is used here as the more specific endpoint. Source study reports should be archived for QC review.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Organism / endpoint	Result	Source
Birds	Acute oral LD50 >2000 mg/kg bw (bobwhite quail, mallard duck); dietary LC50 (5 d) >5200 mg/kg diet [SDS1]	
Fish	LC50 (96 h) >100 mg/L (rainbow trout, bluegill sunfish); >110 ppm (carp) [SDS1]	
Daphnia magna	EC50 (48 h) >100 ppm; NOEC (21 d) >100 ppm (Daphnia magna) [SDS1]	
Algae / aquatic plants	EbC50 (72 h) >100 mg/L (Selenastrum capricornutum); NOAEC 1.1 ppm (Skeletonema costatum, S. capricornutum), 1.2 ppm (Anabaena flos-aquae) [SDS1]	
Other aquatic species	EC50 117 ppm (eastern oyster); 1.2 ppm (Lemna gibba, Navicula pelliculosa); NOAEC 125 ppm (mysid shrimp). [SDS1]	
Honey bees	LD50 (oral and contact) >100 ug/bee [SDS1]	
Earthworms	LC50 (14 d) >1000 mg/kg soil (Eisenia foetida) [SDS1]	
Birds - dietary LC50	Dietary LC50 >2000 ppm (bobwhite quail, mallard duck) (US EPA Fact Sheet 2000). [EPA]	
Fish - acute LC50 (US EPA data)	Bluegill sunfish LC50 95.6 ppm; rainbow trout 94.6 ppm; sheepshead minnow 122 ppm (96-h acute, as reported by US EPA 2000). [EPA]	
Daphnia magna (US EPA data)	Daphnia magna EC50 90 ppm; chronic NOAEC 12.5 ppm / LOAEC 25 ppm (US EPA Fact Sheet 2000). [EPA]	
Algae (US EPA data)	Not phytotoxic at maximum label dosage; freshwater diatom EC50 1200 ppb, NOAEC 120 ppb (US EPA Fact Sheet 2000). [EPA]	

Rows sourced [EPA] are active-substance values from the US EPA Pesticide Fact Sheet (2000). They corroborate the supplier and third-party values above but were not generated on this formulation.

12.2 Persistence and degradability

Soil DT50 <1-4 d (20 deg C); Koc 82-307 (supplier TDS; study reports to be archived)

Hydrolysis: 4.4 to 65 days at pH 5-7 (US EPA Fact Sheet 2000; active-substance data, not a study on this formulation).
Environmental half-life: 1.4 to 20 days in laboratory and field studies (US EPA Fact Sheet 2000; active-substance data).
Route of dissipation: Oxidative mineralisation to carbon dioxide in soil (US EPA Fact Sheet 2000).

12.3 Bioaccumulative potential

Based on log Kow -2.9 bioaccumulation is not expected. Low Kow and low persistence indicate little or no potential to bioaccumulate (US EPA 2000, qualitative agency conclusion). A numeric BCF study remains OPEN.

12.4 Mobility in soil

Koc 82-307 (supplier TDS). Study reports to be archived.
Likely mobile in some soils, but rapid degradation suggests little potential to contaminate most ground water (US EPA Fact Sheet 2000, agency assessment).

12.5 PBT / vPvB and 12.6 endocrine disrupting properties

Not PBT / vPvB per the available assessment; no endocrine-disrupting properties identified in the supplied sources. Formal EU conclusions to be confirmed against the current approved dossier.

12.7 Other adverse effects

Do not allow the product to enter drains, sewers, watercourses or groundwater.

13 DISPOSAL CONSIDERATIONS

Product disposal	Dispose of in accordance with applicable national and local regulations; check with the competent authority for the approved disposal route. [SDS1]
Container disposal	Do not reuse empty containers. Dispose of product containers, waste containers and residues according to local regulations. [SDS1]

14 TRANSPORT INFORMATION

Parameter	ADR/RID - IMDG - IATA	Source
UN number	Not regulated [SDS1]	
Proper shipping name	Not dangerous goods [SDS1]	
Transport hazard class	Not applicable [SDS1]	
Packing group	Not assigned [SDS1]	
Environmental hazard	No [SDS1]	
Tunnel code / EmS	Not applicable [CHEM]	

14.6 Special precautions for user

Do not transport together with foodstuffs, feed or drinking water. Keep packages upright, secure and clearly labelled. Avoid dust formation during loading and unloading.

14.7 Transport in bulk according to MARPOL Annex II / IBC Code

Not applicable - transported in packaged form only (25 kg drum).
Evidence status (DG): No dangerous-goods packaging inspection certificate exists for this product in either library (122 PRODUCTS certificates / 610 wordbag documents checked, 0 matches). The non-dangerous-goods conclusion is supported by the supplier MSDS and two independent third-party substance SDS, but has NOT been confirmed by a product-specific dangerous-goods packaging inspection certificate / general-cargo classification report. Such a report should be obtained before a shipment-specific declaration is made.

15 REGULATORY INFORMATION

EU CLP	Regulation (EC) No 1272/2008 - substance not classified on the basis of the supplied data. [WEB]
EU REACH	Not applicable - active substances for plant protection products are exempt from REACH registration under Article 2(2) of Regulation (EC) No 1907/2006; no REACH registration number is stated in the supplied or regulatory sources (N/A). [ECHA]
EU plant protection products	Previously approved under Regulation (EC) No 1107/2009 (approval 1 January 2012). The EU inclusion expiry was listed as 31 May 2026 in the AERU PPDB (updated Oct 2026); earlier Implementing Regulation (EU) No 702/2011 and extension (EU) 2019/291 set expiry at 31 December 2021 / 2022. As of the revision date the EU approval therefore appears NOT currently in force - verify against the live EU pesticides database before any EU compliance statement. GB (UK) approval under retained EC Reg 1107/2009 remains in force to 31 December 2031. [REG]
China / other national registrations	ICAMA (China) registration number for this specific product: not supplied (OPEN). [OPEN]
US EPA registration history	Active substance first registered in the United States in 2000; pesticide type: plant growth regulator (US EPA Fact Sheet 2000). Historical fact only - current registration status must be re-checked in EPA Pesticide Chemical Search / PPLS. [EPA]
Transport	ADR/RID, IMDG, IATA - product not subject to dangerous goods regulations on the basis of the supplied data. [SDS1]

Chemical safety assessment	No chemical safety assessment report supplied (OPEN). [OPEN]

16 OTHER INFORMATION

16.1 Revision information

Version 4.2, 13 November 2026, supersedes v4.1 (12 November 2026). Changes in this revision: (a) the previously OPEN toxicological and ecological fields are now populated from the US EPA Pesticide Fact Sheet (2000) and the current 40 CFR 180.547 text - carcinogenicity, the mutagenicity study battery, developmental/reproductive toxicity, neurotoxicity, metabolism, US cRfD/cPAD, avian dietary LC50, fish LC50 values, Daphnia EC50/NOAEC, algal endpoints, hydrolysis, environmental half-life, route of dissipation, and qualitative bioaccumulation and mobility assessments; (b) a dissociation constant (pKa 5.15) row is added to Section 9 as required by EU 2020/878 Annex II, corroborated independently by the US EPA; (c) US EPA Chemical Code 112600 and the US registration history are added to Sections 1 and 15 as identifiers only; (d) every EPA-derived value is tagged [EPA], carries the explicit limitation that it is active-substance data and not a study on the 92% TC formulation, and is stated not to alter the GHS/CLP classification; (e) US tolerances are recorded in the TDS as a US-only reference and are expressly not a destination-country MRL; (f) third-party trade names, registrants and manufacturers appearing in the EPA source documents were removed (desensitised); (g) no other content changed.

16.2 Hazard and precautionary statements

No CLP hazard statements apply. P261 / P264 / P273 / P280 in Section 2 are advisory handling measures, not mandatory label elements.

16.3 Data sources used in this revision

COA	Supplier Certificate of Analysis, batch 20260901, 01 Sep 2026
QC	Manufacturer QC release report, batch 20260403085, 03 Apr 2026
SDS1	Supplier MSDS 'Prohexadione-calcium 92% TC', v1.0, 01 Oct 2026
TDS1	Supplier TDS 'Prohexadione Calcium 92% TC', v1.0, 01 Jun 2025
CHEM	Third-party substance SDS (GHS/CLP format, anonymous commercial supplier), GHS 1.0, 05 Feb 2020
GOJI	Third-party substance SDS (GHS/CLP format, anonymous commercial supplier), v6.1, 04 May 2019
WEB	Public website product record (schema.org Product JSON-LD)
DG	No dangerous-goods packaging inspection certificate exists for this product in either library (122 PRODUCTS certificates / 610 wordbag documents checked, 0 matches)
ECHA	ECHA / EU regulatory identifiers: EC No. 603-193-5 (EINECS); Regulation (EC) No 1907/2006 (REACH) - active substances for plant protection products are exempt from registration (Art. 2(2))
REG	EU regulatory approval under Regulation (EC) No 1107/2009; Commission Implementing Regulation (EU) No 702/2011 (CIPAC No. 567.020; approval 1 Jan 2012, expiry 31 Dec 2021, extended by (EU) 2019/291); AERU PPDB (updated Oct 2026) lists EU inclusion expiry 31/05/2026
PPDB	AERU Pesticide Properties Database, University of Hertfordshire, last updated 20/10/2026 (EU regulatory & EFSA evaluation data)
AG	APVMA (Australia) evaluation report on prohexadione-calcium (pub. 13911) and PMRA (Canada) evaluation report H113-7-2006 - physico-chemical properties, vapour pressure, storage stability
USR	Client instruction, 12 November 2026: shelf life = 2 years
EPA	US EPA Pesticide Fact Sheet 'Prohexadione Calcium, New Chemical Registration' (26 Apr 2000, 8 pp., nepis.epa.gov P100BICE) and 40 CFR 180.547 (eCFR current text read 13 Nov 2026) - ACTIVE-SUBSTANCE level regulatory data, not a study on this 92% TC formulation

16.4 Abbreviations

ADR/RID: European road/rail dangerous goods agreement; CAS: Chemical Abstracts Service; CLP: Regulation (EC) No 1272/2008; CoA: Certificate of Analysis; EC50/LC50/LD50: median effect / lethal concentration / lethal dose; IATA: air transport rules; IMDG: maritime dangerous goods code; NOEC/NOAEC/NOEL: no-observed-effect (adverse) concentration / level; PBT/vPvB: persistent, bioaccumulative and toxic (very); TC: technical material.

16.5 Disclaimer

This SDS is based on the state of knowledge and documentation available on the revision date. Batch CoA values are measurements of specific batches and do not constitute a product specification guarantee. It does not replace a registered label, a certificate of analysis, a dangerous-goods classification report or a formal regulatory opinion. Users remain responsible for safe handling and compliance with the legislation applicable at the place of use. Formal release requires QC and regulatory sign-off.

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