Bromadiolone 0.005% Bait (RB) - Technical Data Sheet

Shanghai Bosman Industrial Co., Limited (上海晓博国际贸易有限公司) | Shanghai, P.R. China | info@bosmangroup.com | www.bosmangroup.com

Source SDS	BM-SDS-9036 (our product SDS, this issue) [SDS]
Source inspection report	Factory inspection report, batch 2026-11-15, standard Q/AKSK 70-2026 (third-party formulator, anonymised) [TEST]
Data basis	Factory inspection report + our legacy 2023 MSDS + transport appraisal certificates + public authorities (WHO/FAO, IPCS, ECHA, US EPA, PPDB, GESTIS) [WEB]
Review status	Signed off - QC / regulatory review completed 23 November 2026; OPEN items remain open [WEB]
Product name	Bromadiolone 0.005% Bait (RB) [TEST]
Document no.	BM-TDS-9036 [WEB]
Version / status	v1.0 - 23 November 2026 (Signed off - QC / regulatory review completed) [WEB]
Issue date	23 November 2026 [WEB]
Format	Technical Data Sheet - 9 sections [WEB]
Language	EN [WEB]

Scope: technical reference consolidating the supplied factory inspection report, our superseded 2023 MSDS and product record, the transport-conditions appraisal certificates, and - for fields missing from those documents - information published by global authoritative bodies. Every value carries a source tag; remaining unknowns are OPEN and have NOT been estimated. Batch measurements are not product guarantees. This is not a registered label, a CoA or a substitute for the SDS.

Data-status rule: values tagged ECHA / WHO-FAO / IPCS / EPA / PPDB / GESTIS describe the ACTIVE SUBSTANCE bromadiolone, not a measurement of the supplied 0.005% bait batch. They are contextual reference only; release specification and batch values remain those of the factory inspection report. Registration, label, use and transport claims must be confirmed in the country of destination.

1 PRODUCT IDENTIFICATION

Trade name	Bromadiolone 0.005% Bait (RB) [SDS-2023/TEST]
Product type / formulation	Ready-to-use (RB) rodenticide bait - formulated mixture [SDS-2023]
Active substance	Bromadiolone [WHO/FAO]
IUPAC name	3-[3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxycoumarin (mixture of two diastereoisomers, 1RS,3RS and 1RS,3SR) [WHO/FAO] [WHO/FAO]
Molecular formula / mass	C30H23BrO4; relative molecular mass 527.4 (active substance) [WHO/FAO/PPDB] [WHO/FAO/PPDB]
CAS No.	28772-56-7 [SDS-2023/ECHA]
EC No.	249-205-9 [ECHA]
CLP index No. / CIPAC / EPA code	607-716-00-8 / 371 / 112001 [ECHA/WHO-FAO/PPDB]
Product category	Rodenticide [WEB]
Analysis standard	Q/AKSK 70-2026 (enterprise standard stated on the factory inspection report) [TEST] [TEST]
Batch / date	2026-11-15 (production date / batch, factory inspection report) [TEST] [TEST]
Identified use	Ready-to-use rodenticide bait for the control of rats and mice, including strains resistant to first-generation anticoagulants; use per the approved national label [WHO/FAO/IPCS/OPEN]. [WHO/FAO/IPCS]
Supplier	Shanghai Bosman Industrial Co., Limited (上海晓博国际贸易有限公司) [SDS-2023]
Supplier address	No. 1611, North Sichuan Road, Hongkou District, Shanghai 200080, P.R. China [SDS-2023/SDS-TC] [SDS-2023]
Telephone / Fax	+86 21 6306 5878 [SDS-2023] / +86 21 6306 5878 [SDS-2023] [SDS-2023]
E-mail / Website	info@bosmangroup.com [SDS-TC] / www.bosmangroup.com [SDS-TC] [SDS-TC]
Emergency telephone	+86 21 6356 6528 (24 h) [SDS-TC] [SDS-TC]

Identity cross-check: the factory inspection report, the legacy MSDS and the transport appraisal certificates all describe a 0.005% bromadiolone bait - consistent. CAS 28772-56-7 matches the ECHA/WHO records for the active substance. The inspection report is printed with the Chinese product name 溴鼠灵 while the folder and our product record identify the product as 溴敌隆 (bromadiolone). The report is recorded as a 0.005 % bromadiolone bait report per folder context; the Chinese name discrepancy is flagged for correction and regulatory sign-off at source [TEST].

2 COMPOSITION / SPECIFICATION (QC RELEASE BASIS)

Parameter	Standard / measured result	Source
Content of bromadiolone, % w/w	0.005 +- 0.0012 / 0.0052 [TEST]	
pH	4.0 - 8.0 / 7.1 [TEST]	
Moisture, %	<= 9.0 / 6.8 [TEST]	

All measured results are from the supplied factory inspection report (batch 2026-11-15, sampled 600 g); they are batch measurements, not guaranteed limits for other batches. Qualified - all items; released (inspection report conclusion) [TEST]

Active content (nominal)	0.005 % w/w (nominal; standard tolerance 0.005 +- 0.0012 %) [TEST/SDS-2023] [TEST/SDS-2023]
Other ingredients	Other ingredients determined not to be hazardous, up to 100 % [SDS-2023] [SDS-2023]
Formulation type	RB (ready for use) [SDS-2023] [SDS-2023]

3 PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Source
Physical state	Solid - formulated bait (granule / block) [SDS-2023/DG-CLASS-NEW] [SDS-2023/DG-CLASS-NEW]	
Appearance / colour (current)	Pink columnar granule, weak odour [DG-CLASS-NEW] [DG-CLASS-NEW]	
Appearance / colour (2021, expired)	Red granule, weak odour [DG-CLASS-OLD, 2021, expired] [DG-CLASS-OLD]	
Odour	Weak odour [SDS-2023/DG-CLASS-NEW/DG-CLASS-OLD] [SDS-2023/DG-CLASS]	
pH (bait)	pH 4.0 - 8.0 (standard); measured 7.1 (batch 2026-11-15) [TEST] [TEST]	
Moisture (bait)	<= 9.0 % (standard); measured 6.8 % (batch 2026-11-15) [TEST] [TEST]	
Melting point	No distinct melting point for the bait formulation [SDS-2023]; a.i.: 200 - 210 C (mixture of two diastereoisomers); PPDB A5 lists 199 C [WHO/FAO/PPDB] [SDS-2023/WHO-FAO/PPDB]	
Boiling point (a.i.)	Decomposes before boiling [PPDB] [PPDB]	
Flash point (a.i.)	218 C (active substance) [PPDB] [PPDB]	
Flammability (bait)	Not flammable [SDS-2023] [SDS-2023]	
Density (a.i.)	1.45 g/cm3 at 20.5 C (active substance) [GESTIS] [GESTIS]	
Vapour pressure (a.i.)	0.002 mPa at 20 C (IPCS: 2 x 10-6 Pa); PPDB A5: 2.13 x 10-5 mPa [IPCS/PPDB] [IPCS/PPDB]	
Water solubility	Active substance: water 19 mg/L at 20 C (PPDB A5: 18.4 mg/L at pH 7); ethanol 8.2 g/L; acetone 10 g/L; ethyl acetate 25 g/L; dimethylformamide 730 - 750 g/L [PPDB]. Legacy SDS wording: soluble in chloroform, slightly soluble in acetone, benzene, ethanol, acetic acid, glycerin, polyethylene glycol; insoluble in water and petroleum ether [SDS-2023]. [PPDB/SDS-2023]	
Partition coefficient (log Kow, a.i.)	log Pow about 4.07 (P = 1.17 x 10E4 at pH 7 / 20 C, calculated) [WHO/FAO/PPDB] [WHO-FAO/PPDB]	
Auto-ignition temperature	*OPEN - not stated in source* [OPEN]	
Explosive properties (bait)	None [SDS-2023] [SDS-2023]	
Oxidising properties	*OPEN - not stated in source* [OPEN]	
Decomposition temperature (a.i.)	Thermally stable below 200 C; decomposes before boiling [PPDB] [PPDB]	

Appearance conflict shown side by side: the 2026 appraisal certificate describes pink columnar granules, the 2021 certificate red granules, and the legacy SDS only 'solid, weak odour'. Current production appearance is taken as the 2026 certificate value; confirm against the current sales specification and photograph before issue [DG-CLASS-NEW/DG-CLASS-OLD/OPEN]. A colour photograph in the folder (blue-green wax pills) does not match either certificate and is NOT used as appearance evidence.
Data-quality note: Bait-level values (pH, moisture, appearance, odour) come from the factory inspection report and the transport appraisal certificates. The remaining values describe the ACTIVE SUBSTANCE (typically 97% technical material or an EU dossier substance); they are contextual reference only, NOT measurements of the bait batch and not specification guarantees.

4 STABILITY AND REACTIVITY

Reactivity	Not reactive; not sensitive to shock or static discharge; no hazardous reactions known [SDS-2023]. [SDS-2023]
Chemical stability	Stable under recommended storage and handling conditions [SDS-2023/SDS-TC]. [SDS-2023/SDS-TC]
Conditions to avoid	None stated by the legacy SDS [SDS-2023]; for the active substance, heat above 200 C and direct sunlight [SDS-TC/PPDB]. [SDS-2023/SDS-TC]
Incompatible materials	None stated by the legacy SDS [SDS-2023]; for the active substance, strong oxidising agents, strong acids and bases [SDS-TC]. Keep away from food, feed and drinking water. [SDS-2023/SDS-TC]
Hazardous decomposition products	Decomposes in a fire to emit toxic fumes; oxides of carbon [SDS-2023]; combustion may also form nitrogen oxides and hydrogen bromide where the molecule contains bromine [SDS-TC]. [SDS-2023/SDS-TC]
Shelf life (product-specific)	*OPEN - not stated in source* [OPEN]

Product-specific shelf life not stated in the supplied documents or consulted public sources [OPEN]. The active substance is reported stable under recommended storage and below 200 C; a bait-specific shelf life requires a stability study on this formulation [PPDB/OPEN].

5 HANDLING, STORAGE AND PACKAGING

Handling	Clean protective clothing, used protective clothing and worker's personal clothing should be kept apart; at the end of each day all protective clothing should be decontaminated, washed, rinsed and dried. Extra care when cleaning equipment after use. Wear rubber gloves and wash hands after handling. Avoid all contact by mouth. Prevent contamination of food, feed, eating utensils and all sources of drinking water, rivers, dams, crops or grazing. Toxic to aquatic organisms, fish and wildlife. Bury all dead rodents and any bait not consumed at end of treatment [SDS-2023]. [SDS-2023]
Storage	Store in the original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label [SDS-2023]. [SDS-2023]
Packaging	Sales package specification for this bait not stated in the supplied documents [OPEN]. Transport certificates describe the article as pink columnar granules (2026) / red granules (2021) without packaging specification [DG-CLASS-NEW/DG-CLASS-OLD]. [OPEN/DG-CLASS]
Engineering controls	Special ventilation is not required for the normal handling and use of this product when following label instructions. [SDS-2023]
Protective equipment	Long pants, shoes, socks and waterproof gloves; wash PPE separately; wash hands after handling and before eating, drinking or using the toilet. [SDS-2023]
Precautions	Bury all dead rodents and any bait not consumed at end of treatment; prevent secondary poisoning of wildlife and domestic animals. [SDS-2023/IPCS]
Full precautions	See SDS Sections 7 and 8. [SDS]

6 SAFETY AND TRANSPORT SUMMARY

Classification - THREE LAYERS shown openly (see SDS §2.1): (1) ACTIVE SUBSTANCE [ECHA]: CLP Annex VI harmonised entry for bromadiolone, Index 607-716-00-8 - GHS06/08/09, signal word DANGER, H300/H310/H330/H360D/H372/H400/H410. (2) MIXTURE (this 0.005% bait) [OPEN]: CLP Annex I calculation and label sign-off pending - not estimated. (3) LEGACY [SDS-2023]: our 2023 MSDS concluded 'not classified as hazardous due to low concentrations'.

Hazard statement (a.i.)	Classification / wording	Source
H300	Acute toxicity, oral, Category 1 or 2 - Fatal if swallowed.	[ECHA]
H310	Acute toxicity, dermal, Category 1 or 2 - Fatal in contact with skin.	[ECHA]
H330	Acute toxicity, inhalation, Category 1 or 2 - Fatal if inhaled.	[ECHA]
H360D	Reproductive toxicity, Category 1A or 1B - May damage the unborn child.	[ECHA]
H372	Specific target organ toxicity, repeated exposure, Category 1 - Causes damage to organs through prolonged or repeated exposure.	[ECHA]
H400	Hazardous to the aquatic environment, acute, Category 1 - Very toxic to aquatic life.	[ECHA]
H410	Hazardous to the aquatic environment, chronic, Category 1 - Very toxic to aquatic life with long lasting effects.	[ECHA]

P-statements (a.i. layer): prevention P201, P202, P260, P262, P264, P270, P271, P273, P280 [SDS-TC/ECHA]; response P301+P310, P304+P340, P308+P313, P308+P318, P310, P314, P321, P320, P330, P363, P391 [SDS-TC/ECHA]; storage P403+P233, P405 [SDS-TC/ECHA]; disposal P501 [SDS-TC/ECHA]. Mixture label wording pending classification and sign-off [OPEN].

Other hazards: Anticoagulant (vitamin K antagonist) mode of action: cumulative toxicity on prolonged/repeated exposure [SDS-2023/IPCS]. Secondary poisoning risk to predators and scavengers feeding on poisoned rodents [IPCS/WHO-FAO]. Very toxic to aquatic life at active-substance level (H400/H410) [ECHA]. Endocrine-disrupting properties: no conclusion located in consulted public sources [OPEN]. EU non-professional-use restrictions under evaluation - see §15 [ECHA].

Formulation-level toxicology - legacy SDS values, not study reports

Endpoint	Public value / legacy result	Source
Acute oral LD50 - rat (formulation)	> 5000 mg/kg [SDS-2023]	[SDS-2023]
Acute inhalation LC50 - rat, 4 h (formulation)	8.6 mg/L (extrapolated) [SDS-2023]	[SDS-2023]
Acute dermal LD50 - rabbit (formulation)	> 5000 mg/kg [SDS-2023]	[SDS-2023]
Skin irritation / sensitisation	Non-irritating; not a skin sensitiser [SDS-2023]	[SDS-2023]
Eye irritation	Mild, transient irritant [SDS-2023]	[SDS-2023]
Carcinogenicity	No ingredient listed by NTP, IARC or OSHA [SDS-2023]	[SDS-2023]

Public-authority toxicology - active substance, not our batch

Endpoint	Public value / study basis	Source
Acute oral LD50 - rat	0.56 - 0.84 mg/kg (concentrate, EPA Toxicity Category I); PPDB A5: > 0.56 mg/kg	[EPA/PPDB]
Acute dermal LD50 - rabbit	1.71 mg/kg (EPA Category I); IPCS reports 9.4 mg/kg in another study	[EPA/IPCS]
Acute inhalation LC50 - rat	0.43 ug/L (EPA Toxicity Category I)	[EPA]

Endpoint	Public value / study basis	Source
Eye / skin effects (a.i.)	Rabbit eye irritation cleared within 4 days (Cat III); dermal minimally irritating (Cat IV); not a dermal sensitiser	[EPA]
Short-term oral NOAEL	0.008 mg/kg bw/day, dog, 90-day study (A5)	[PPDB]
Long-term oral NOAEL	0.004 mg/kg bw/day, rat, 90-day study (A4)	[PPDB]
ADI / ARfD	None allocated (A5)	[PPDB]
WHO hazard classification	Class Ia - extremely hazardous (active substance)	[PPDB]
Mode of action	Second-generation anticoagulant (vitamin K antagonist); inhibits vitamin K 2,3-epoxide reductase, disrupting prothrombin synthesis	[IPCS/WHO-FAO]
Antidote / medical guidance	Vitamin K1 (phytomenadione) intramuscularly or orally for ingesting bait / obvious poisoning symptoms (bleeding or prolonged prothrombin times); in severe cases blood transfusions may be needed; prothrombin time guides therapy	[SDS-2023/IPCS]

Formulation-level ecotoxicology - legacy SDS 'formulation calculated' values

Endpoint	Public value / legacy result	Source
Fish, 96 h LC50 (formulation, calculated)	Rainbow trout 28000 mg/L; bluegill sunfish 60000 mg/L [SDS-2023]	[SDS-2023]
Daphnia, 48 h EC50 (formulation, calculated)	40000 mg/L [SDS-2023]	[SDS-2023]
Algae, 72 h EC50 growth (formulation, calculated)	340 mg/L [SDS-2023]	[SDS-2023]

Public-authority ecotoxicology - active substance, not our batch

Endpoint	Public value / study basis	Source
Fish, acute 96 h LC50 (a.i.)	Rainbow trout (Oncorhynchus mykiss) > 8.0 mg/L (A5); IPCS cites 1.4 to > 3 mg/L for other species	[PPDB/IPCS]
Aquatic invertebrates, 48 h EC50 (a.i.)	Daphnia magna 2 mg/L (A5)	[PPDB]
Algae, 96 h EbC50 (biomass, a.i.)	Desmodesmus subspicatus 0.017 mg/L (A4)	[PPDB]
Earthworms, acute 14 d LC50 (a.i.)	> 4.74 mg/kg dry soil (A5)	[PPDB]
Birds, acute oral LD50 (a.i.)	Northern bobwhite (Colinus virginianus) 138 mg/kg (A5); secondary-poisoning concern for predators	[PPDB]

Toxicology note: Formulation-level values above are quoted from our legacy 2023 SDS and are not accompanied by study reports; they are shown for continuity and remain subject to verification [SDS-2023/OPEN]. Public-authority endpoints below describe the ACTIVE SUBSTANCE (US EPA 1998 RED, WHO/FAO, IPCS, PPDB), not the bait batch.
Ecology note: Formulation-level (bait) aquatic values above are quoted from our legacy 2023 SDS as 'formulation calculated'; the units are reproduced verbatim and remain subject to verification [SDS-2023/OPEN]. Public-authority endpoints below describe the ACTIVE SUBSTANCE (AERU PPDB, WHO/FAO, IPCS), not the bait batch.
Environmental fate: Bio-accumulation: potential moderate; log Pow 4.07 [SDS-2023/WHO-FAO]. Biodegradability: slowly degraded in soil [SDS-2023]. Mobility: relatively immobile in soil [SDS-2023]. Ground or surface water: unlikely to be a source of contamination [SDS-2023].
Fate conflict: Soil persistence conflict shown side by side: legacy SDS gives soil DT50 aerobic 53 days / anaerobic 60 days [SDS-2023]; AERU PPDB cites soil DT50 (field) 4.6 days (EPA databases) and IPCS 1.8 - 7.4 days under other conditions [PPDB/IPCS]. Not adjudicated here; both are active-substance-level contextual values.
Symptoms / effects: Anticoagulant poisoning: lethargy, loss of appetite, reduced clotting ability of blood, increased tendency to bleed, bruising, nose and gum bleeds, pallor, blood in urine and faeces, haemorrhage into and around joints; nausea and vomiting may occur soon after ingestion but several hours/days may elapse before typical features appear [SDS-2023]. Eye contact: mild, transient irritant [SDS-2023].
PBT / vPvB: Not classified as PBT or vPvB under REACH on the basis of available data (SDS-TC §12.5) [SDS-TC/OPEN]. Endocrine disruptors: No endocrine-disrupting properties identified per Delegated Regulation (EU) 2017/2100 in our 95% TC SDS; no bait-specific conclusion located [SDS-TC/OPEN].

Transport classification	NOT REGULATED - not subject to IMO IMDG Code; may be handled as NON-RESTRICTED GOODS, per the current transport-conditions appraisal certificate No. 202600925401344 (basis IMDG Code 2024 edition) [DG-CLASS-NEW]. Corroborated by the expired 2021 certificate No. 202200204424858 (IMDG Code 2020 edition) [DG-CLASS-OLD] and by our legacy SDS §14 'Not regulated' [SDS-2023]. Confirm ADR/RID and IATA status and destination-country rules before shipment [OPEN]. [DG-CLASS-NEW/DG-CLASS-OLD/SDS-2023]
Classification basis	IMDG Code 2024 edition [DG-CLASS-NEW, current]; IMDG 2020 edition [DG-CLASS-OLD, 3 Dec 2021, EXPIRED, historical corroboration]; legacy SDS §14 'Not regulated' [SDS-2023] [DG-CLASS]
Road / air status	ADR/RID and IATA status not covered by the certificates - confirm before shipment [OPEN] [OPEN]

Transport note: Apparent contrast to record openly: the ACTIVE SUBSTANCE carries CLP acute-toxicity and aquatic classifications (§2/§3), yet the 0.005% bait was appraised by the competent testing institution as non-restricted goods under the IMDG Code (2024 edition), consistent with the bait's very low active content and the legacy SDS conclusion. This appraisal is a competent-authority document for the actual article; it is not a CLP mixture classification (§2 layer 2 remains OPEN). Sea transport basis: IMDG Code 2024 edition [DG-CLASS-NEW]; the 2021 document (IMDG 2020 edition, dated 3 Dec 2021) is EXPIRED and cited as historical corroboration only [DG-CLASS-OLD]. Third-party applicant/manufacturer names and the testing-institution trade names are withheld per our desensitisation rule; certificate numbers are retained.

7 COMMERCIAL DATA AND PUBLIC REGULATORY CONTEXT

The supplied inspection report and our legacy MSDS are quality / hazard-communication documents and carry no approved-use or sales-specification data. Missing items that public authoritative bodies publish are filled below at ACTIVE-SUBSTANCE level; items that only a national label, our QC or a registration dossier can supply remain OPEN.

Target pests (public uses)	Rats and mice, including those resistant to first-generation anticoagulants (ready-to-use baits typically 0.005% a.i.)	[WHO/FAO/IPCS]
EU biocidal (BPR) status	Bromadiolone approved for product type 14 (rodenticides); expiry of approval postponed to 31 Dec 2026 by Decision (EU) 2024/734; renewal under evaluation; candidate for substitution	[EU/ECHA]
ECHA BPC opinion	ECHA/BPC/475/2025 adopted 14 May 2025: meets BPR Art. 5(1)(c)/(e); proposed renewal only under Art. 5(2) derogations; non-professional mouse use and professional permanent baiting not supported	[ECHA]
EU / GB plant-protection status	Not approved under Regulation (EC) 1107/2009 (EU) / GB retained equivalent (PPDB, updated 19 May 2026)	[PPDB]
WHO hazard classification	Class Ia - extremely hazardous (active substance)	[PPDB]
Bait placement / dose rate	Must come from the approved national label of the destination market; not stated in the supplied documents	[OPEN]
Packaging sizes / palletisation	Not stated in the supplied documents	[OPEN]
Impurity profile	Factory inspection report covers assay, pH and moisture only; full impurity profile not available [OPEN]. EU dossier records no declared relevant impurities for the active substance; this does NOT characterise the impurity profile of the bait [PPDB/OPEN].	[PPDB/OPEN]
Shelf-life / storage stability	Product-specific stability study required	[OPEN]
CoA analytical methods / limits	Factory inspection report gives assay / pH / moisture standard limits (Q/AKSK 70-2026); our sales specification must supply full release limits	[TEST/OPEN]
Transport classification	NOT REGULATED - not subject to IMO IMDG Code; may be handled as NON-RESTRICTED GOODS, per the current transport-conditions appraisal certificate No. 202600925401344 (basis IMDG Code 2024 edition) [DG-CLASS-NEW]. Corroborated by the expired 2021 certificate No. 202200204424858 (IMDG Code 2020 edition) [DG-CLASS-OLD] and by our legacy SDS §14 'Not regulated' [SDS-2023]. Confirm ADR/RID and IATA status and destination-country rules before shipment [OPEN].	[DG-CLASS-NEW/DG-CLASS-OLD/OPEN]
Registration numbers / countries	National rodenticide registration certificates required	[OPEN]

8 DATA SOURCES, CONFIDENCE AND OPEN ITEMS

SDS	Our Safety Data Sheet 'Bromadiolone 0.005% Bait (RB)' BM-SDS-9036 v1.0, 23 November 2026, issued together with this TDS.
WEB	Document-control fields (document number, version, issue date, format, language) generated by our document system; not an external data source.
TEST	Supplied factory inspection report for the 0.005% bait (third-party formulator, company name withheld): sampled 600 g, production date / batch 2026-11-15, basis enterprise standard Q/AKSK 70-2026; items assay, pH and moisture, all measured qualified; conclusion qualified, released. The issuing company, inspector and reviewer names are withheld per our desensitisation rule. The printed Chinese product name 溴鼠灵 differs from our product name 溴敌隆 (bromadiolone); the report is recorded as a 0.005% bromadiolone bait report per folder context (placement in the Bromadiolone folder, 0.005 % specification, matching dates) and the name discrepancy is flagged for correction at source.
SDS-2023	Our legacy Material Safety Data Sheet 'Bromadiolone 0.005% RB' v1.0, issued 1 June 2023 by Shanghai Bosman Industrial Co., Ltd. Its §3 concluded 'Not classified as hazardous due to low concentrations'; §11/§12 give formulation-level acute-toxicity and aquatic values; §14 states 'Not regulated'. Historical document - its statements are reproduced with the [SDS-2023] tag and remain subject to current CLP evaluation and regulatory sign-off.
DG-CLASS-NEW	Transport-of-goods conditions appraisal certificate No. 202600925401344 for 0.005% bromadiolone bait: basis IMO IMDG Code (2024 edition); appearance pink columnar granule, weak odour; none of the seven danger items (explosive, flammable, oxidising, toxic/infectious, radioactive, corrosive, other) applies; marine transport class None; 'not subject to IMO IMDG Code - may be handled as NON-RESTRICTED GOODS'. Issued by a Chinese dangerous-goods appraisal / entry-exit testing institution (public-authority context; trade name withheld per our desensitisation rule, CNAS-accredited). Third-party applicant/manufacturer names withheld. Dates on the scan read 2025-12-31 / 2026-01-01; validity terms per the original document. Current supporting evidence.
DG-CLASS-OLD	Transport-of-goods conditions appraisal certificate No. 202200204424858 for 0.005% bromadiolone bait: basis IMO IMDG Code (2020 edition), dated 3 Dec 2021 (EXPIRED); appearance red granule, weak odour; same seven-item 'none applies' result and non-restricted-goods conclusion. Historical corroboration only - NOT a current certificate.
SDS-TC	Our Safety Data Sheet 'Bromadiolone 95%% TC' BM-SDS-9035 v3.0, 03 Nov 2026 (active-substance technical material), used only for the identity cross-check (CAS 28772-56-7) and supplier-format fields.
WHO/FAO	WHO/FAO Data Sheets on Pesticides No. 88, Bromadiolone (WHO/PCS/DS/96.88, November 1996). Public UN data, active-substance level.
IPCS	IPCS Health and Safety Guide No. 94, Bromadiolone (WHO / UNEP / ILO, 1995), INCHEM: anticoagulant mode of action, vitamin K1 therapy (§4.1.1). Public UN data, active-substance level.
ECHA	ECHA Biocidal Products Committee opinion ECHA/BPC/475/2025 (adopted 14 May 2025) and ECHA biocidal active-substance factsheet, product type 14 (rodenticides). Substance-level EU evaluation; no company data quoted.

EU	Public EU law: CLP Reg. (EC) 1272/2008; REACH Reg. (EC) 1907/2006; POP Reg. (EU) 2019/1021; Commission Implementing Decision (EU) 2024/734 of 27 Feb 2024 (bromadiolone PT14 approval expiry postponed to 31 Dec 2026).
EPA	US EPA, HED Toxicity Profile for Bromadiolone, Appendix D to the 1998 Rodenticide Cluster Reregistration Eligibility Decision (RED). Public regulatory data, active-substance level.
PPDB	Pesticide Properties DataBase (AERU, University of Hertfordshire), Bromadiolone record updated 19 May 2026. A5/A4 = EU regulatory and evaluation data verified for regulatory purposes; active-substance level.
GESTIS	GESTIS Substance Database (Deutsche Gesetzliche Unfallversicherung), bromadiolone record: density 1.45 g/cm3 at 20.5 C. Active-substance level.
OPEN	Not stated in the supplied factory report / our legacy SDS / the transport certificates or in the consulted public-authority sources; open item, value not estimated. Requires batch measurement, registration dossier or regulatory determination.

Confidence: TEST / SDS-2023 / DG-CLASS values are quoted from the supplied factory inspection report (batch 2026-11-15), our superseded 2023 MSDS and the transport-conditions appraisal certificates. ECHA, WHO/FAO, IPCS, EPA, PPDB and GESTIS values are quoted from public documents of those authoritative bodies and describe the ACTIVE SUBSTANCE, not our bait batch; source documents and field-by-field caveats are kept in public_sources/ (95% TC ledgers authority_field_ledger.csv and still_open_after_public_sources.csv carried over, plus the bait-specific bait_authority_field_ledger.csv and bait_still_open.csv). The 2021 transport certificate is EXPIRED and cited only as historical corroboration of the non-restricted-goods approach; the 2026 certificate is the current evidence. The factory report's Chinese product name 溴鼠灵 is recorded as a bromadiolone (溴敌隆) bait report per folder context and flagged for correction. No value has been estimated; OPEN means no usable value was found in either our documents or the consulted public authorities. All third-party commercial names (the batch-report issuer and its inspectors, the transport-certificate applicant/manufacturer, and testing-institution trade names) have been removed; only our own company (Shanghai Bosman Industrial Co., Limited / 上海晓博国际贸易有限公司) and public regulatory bodies are named, with certificate numbers retained.

9 DISCLAIMER

This document is a technical reference compiled from the supplied factory inspection report, our superseded 2023 MSDS and product records, transport-conditions appraisal certificates, and public data published by global authoritative bodies for the missing fields. Public-authority values are active-substance-level reference only, not batch measurements, specification guarantees or GLP studies on our bait. The CLP classification of the 0.005% mixture itself is OPEN and requires Annex I calculation and label sign-off. This document is not a certificate of analysis, a registered label, a specification guarantee, a dangerous-goods classification report or a substitute for the Safety Data Sheet. Registration status, approved uses and transport declarations must be confirmed against the current official publications of the country of destination. Document QC / regulatory review completed and signed off 23 November 2026; the OPEN items above are not closed by this sign-off.

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