Thiram 80% WDG - Technical Data Sheet

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Source SDS	BM-SDS-THIRAM80 v1.0, 2026-11-13 [WEB]
Data basis	Supplier CoA (batch 20261016) + ECHA CLP harmonised C&L [WEB]
Review status	Technical draft - QC / regulatory sign-off required before commercial issue [WEB]
Product name	Thiram 80% WDG / 80%福美双水分散粒剂 [COA]
Document no.	BM-TDS-THIRAM80 [WEB]
Version / status	v1.0 - draft, 2026-11-13 (pending QC / regulatory sign-off) [WEB]
Issue date	2026-11-13 [WEB]
Format	Technical Data Sheet - 9 sections [WEB]
Language	EN (CN product name shown) [WEB]

Scope: technical reference consolidating the supplier certificate of analysis and the public regulatory classification for thiram. Values carry source tags; fields not stated in any source are shown as OPEN items and have NOT been estimated. This is not a registered label, a CoA or a substitute for the SDS.

1 PRODUCT IDENTIFICATION

Trade name	Thiram 80% WDG / 80%福美双水分散粒剂 [COA]
Product type / formulation	Water-dispersible granule (WG) fungicide [COA]
Active substance	Thiram (tetramethylthiuram disulfide), CAS 137-26-8 [COA]
CAS No. (active substance)	137-26-8 [COA]
EC No.	205-286-2 [ECHA]
CLP index No.	006-005-00-4 [ECHA]
Molecular formula / molar mass	C6H12N2S4 / 240.4 g/mol [ECHA]
Active substance content	80 % w/w (measured 80.6 % w/w, batch 20261016) [COA]
Product category	Fungicide [WEB]
Identified use	Agricultural fungicide for seed treatment and foliar/soil application as registered; not for direct application without dilution. [COA]
Uses advised against	Any use other than the identified use; not for domestic or residential use. [WEB]
Supplier / address	Shanghai Bosman Industrial Co., Limited, Room 1802-1804, No. 1611 North Sichuan Road, Hongkou District, Shanghai 200080, P.R. China [WEB]

2 COMPOSITION / SPECIFICATION (QC RELEASE BASIS)

Parameter	Specification / measured batch	Source
Thiram content	80.0 ± 2.5 % w/w / measured 80.6 % (batch 20261016) [COA]	
Appearance	Irregular granules [COA]	
pH (1% suspension)	6.0 - 9.0 / measured 7.6 [COA]	
Moisture	≤ 3.0 % / measured 1.5 % [COA]	
Wetting time	≤ 90 s / measured 10 s [COA]	
Wet sieve (75 µm)	≥ 98 % / measured 99 % [COA]	
Suspensibility	≥ 80 % / measured 88 % [COA]	
Persistent foaming (1 min)	≤ 60 mL / measured 40 mL [COA]	
Dispersibility	≥ 80 % / measured 92 % [COA]	
Other components	Carriers, wetting / dispersing agents, inerts - balance to 100 %; identities OPEN. [OPEN]	
CLP classification of the substance	Acute Tox 4; Skin Irrit 2; Eye Irrit 2; Skin Sens 1; STOT-RE 2; Aquatic Acute 1; Aquatic Chronic 1 (H302/H312/H332/H315/H319/H317/H373/H400/H410) [ECHA]	

Measured values refer to batch 20261016 (supplier CoA); they are not guaranteed limits for other batches. A signed, batch-specific CoA is issued with each order.

3 PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Source
Appearance	Irregular granules [COA]	
Odour	Characteristic [SUB]	

Property	Value	Source
pH (1% suspension)	7.6 (specification 6.0 - 9.0) [COA]	
Moisture	1.5 % [COA]	
Wetting time / suspensibility / dispersibility	10 s / 88 % / 92 % (WG performance per CoA) [COA]	
Active-substance melting point	~155-156 deg C (substance SDS; not a WG formulation endpoint) [SUB]	
Active-substance density / water solubility	~1.29 g/mL at 20 deg C / ~30 mg/L at 25 deg C (substance SDS) [SUB]	
Formulation melting/density/viscosity	Not determined in supplied sources (OPEN) [OPEN]	

4 STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions. [SUB]
Incompatible materials	Strong oxidising agents. [SUB]
Hazardous decomposition products	Toxic sulphur / nitrogen oxides and carbon disulphide vapour under fire conditions. [SUB]
Conditions to avoid	Dust formation, heat and ignition sources. [SUB]
Shelf life	Not determined in supplied sources (OPEN); a formulation stability study is required before a shelf-life claim is made. [OPEN]
Environmental fate	Not determined for the formulation (OPEN); active substance is of low-to-moderate soil persistence (substance SDS). [OPEN]

5 HANDLING, STORAGE AND PACKAGING

Handling	Avoid contact with skin, eyes and clothing; do not breathe dust; use local exhaust ventilation; wash hands before breaks. [SUB]
Storage	Original container, cool, dry, well-ventilated, out of sunlight; away from food/feed/seeds; out of reach of children. [SUB]
Packaging	25 kg bag (batch 20261016); keep original container. [COA]
Full precautions	See SDS Sections 7 and 8. [SUB]

6 SAFETY AND TRANSPORT SUMMARY

GHS / CLP classification	Acute Tox 4; Skin Irrit 2; Eye Irrit 2; Skin Sens 1; STOT-RE 2; Aquatic Acute 1; Aquatic Chronic 1. Signal word Warning. Pictograms GHS07/08/09. [ECHA]
Acute toxicity	Oral / dermal / inhalation Category 4 (H302/H312/H332). [ECHA]
Aquatic toxicity	Very toxic to aquatic life, long-lasting effects (H400/H410). [ECHA]
Transport classification	Not determined in supplied sources (OPEN); confirm by dangerous-goods certificate (see SDS Section 14). [OPEN]
Dangerous-goods certificate	No product-specific certificate available (OPEN). [OPEN]

7 COMMERCIAL / AGRONOMIC DATA NOT COVERED BY A TDS

The following are intentionally NOT asserted in this TDS. Each requires a separate authoritative source and must not be inferred from a CoA or SDS.

Mode of action / target crops / dose	Approved product label and registration dossier	OPEN
Application method and timing	Approved label and local agronomic recommendation	OPEN
PHI / REI / MRL	Approved label, Codex / EU MRL database	OPEN
Tank-mix compatibility	Compatibility study report	OPEN
Registration numbers / countries	ICAMA and national registration certificates	OPEN
CoA analytical methods and limits	QC method SOP / specification	OPEN
Shelf-life and storage stability study	Stability study report	OPEN
Formulation development / technical grade equivalences	Product development dossier	OPEN
Dangerous-goods classification report	Accredited transport classification / general cargo appraisal	OPEN

8 DATA SOURCES, CONFIDENCE AND OPEN ITEMS

COA	Supplier Certificate of Analysis (analytical release), batch 20261016, tested 22 Oct 2026
ECHA	ECHA CLP Annex VI harmonised classification & labelling (Regulation (EC) No 1272/2008); EC No. 205-286-2; index No. 006-005-00-4. Legally binding EU classification.
SUB	Third-party substance SDS for thiram (GHS/CLP format, anonymous commercial supplier)

WEB	Public website product record (schema.org Product JSON-LD)
OPEN	Not stated in any supplied source - open item, value not estimated

Confidence: values tagged COA are verbatim batch quality records (fact); ECHA are the EU harmonised classification (fact, public regulatory source); SUB are third-party substance SDS (fact, anonymised); WEB is the public product record; OPEN is unknown. No numerical value has been estimated and no data from a different active substance, formulation or strength has been reused.

9 DISCLAIMER

This document is a technical reference compiled from the supplier certificate of analysis and public regulatory classification. It 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, MRLs and transport declarations must be confirmed against the current official publications of the country of destination. Formal commercial issue requires QC and regulatory sign-off.

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