

# SHARDA EUROPE B.V.B.A

## Material Safety Data Sheet of Metaldehyde 3% GB

### 1. Identification of the substance / preparation & company/undertaking

**Product:** Metaldehyde 3% GB

**Trade Name:** METASH 3% GB

**Recommended Uses:** Molluscicide

**Company Name:** Sharda Europe B.V.B.A-SPAIN

**Address:** Heedstraat, 58 1730 (Asse) BELGICA

### 2. Hazards Identification

**Classification of Preparation** – Not classified as dangerous.

**Primary Hazards** – N/A.

### 3. Composition/Information on Ingredients

Chemical Name (chemical description)	CAS No	Function	Content	
			g/kg	% w/w
Metaldehyde (pure a.s.)	108-62-3 (tetramer)	Active substance	30.00	3.000
Metaldehyde (Technical product min. 98.5%)	9002-91-9 (homopolymer)		30.46	3.046
Wheat flour	130498-22-5	Bait filler	783.79	78.379
Calcium hydroxide	1305-62-0	Inert	80.00	8.000
Calcium carbonate	471-34-1	Inert	100.00	10.000
Calcium dipropionate	4075-81-4	Mould inhibitor	2.00	0.200
Denatonium benzoate	3734-33-6	Repellent	0.25	0.025
Dye pigment blue	147-14-8	Dye	3.50	0.350
TOTAL			1000 g	100%

### 4. First Aid Measures

Any special measures – N/A

**Inhalation** – Remove from source of exposure to fresh air; seek medical attention if irritation develops/persists or breathing becomes difficult.

**Skin and Eye Exposure** – Rinse immediately with plenty of water. Seek medical advice if irritation develops/persists.

**Eyes** – Irrigate with copious amounts of clean water. Seek medical advice if irritation develops/persists.

**Ingestion** – NAUSEA, SWEATING, DIZZINESS, CONVULSIONS. Seek medical advice immediately and show product label.

### 5. Fire Precautions

**Suitable extinguishing media** – Not flammable.

**Unsuitable extinguishing media** – As appropriate for surrounding fire.

**Special hazards, combustion or by products** – None known.

**Protective clothing for fire fighting** – Suitable protective clothing and breathing apparatus.

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## **6. Accidental Release Measures**

**Personal precautions** – Use safety goggles, gloves and dust mask.

**Environmental precautions** – Do not wash excessive spillages into watercourses.

Do not burn.

**Clean and disposal methods** – Sweep / vacuum without generating dust into labelled container and remove according to local waste regulations.

Since this product is dangerous to game, wild birds and animals, precautions must be taken to protect them from harm and spillages must be buried or removed.

## **7. Handling and Storage**

**Practical precautions and engineering controls for safe handling** –Open sacks with care to avoid generating dust.

**Conditions and quantity limits for safe storage** – Store in a cool, dry atmosphere in original, labeled sacks.

Refer to manufacturer for maximum safe stacking height.

Storage quantity limits as determined under National Pesticide Regulations.

## **8. Exposure Controls/Personal Protection engineering measures to reduce exposure:**

**Exposure limit values** – Not determined for product.

**Occupational exposure controls** – Ensure suitable engineering controls for measuring and decanting of product.

**Personal protective equipment** – Primary Hazard considered as dust from handling of pellets.

**Gloves** – BS EN 374 suitable for basic chemical hazards.

**Suit/apron** – BS EN 465/466/467 with basic chemical splash protection.

## **9. Physical and Chemical Properties**

**Appearance** – Blue mini pellets

**Odour** – Grain/flour

**pH** – Not applicable

**Boiling point/range** – Not applicable.

**Flash point/flammability** – Not classified as flammable

**Explosive properties** – Not classified as explosive.

**Oxidising properties** – Not classified as oxidising.

**Vapour pressure** – Not applicable

**Relative density** – Not applicable

**Solubility** – Not applicable

**Partition coefficient** – Not applicable

**Viscosity** – Not applicable

**Vapour density** – Not applicable

**Evaporation rate** – Not applicable

## **10. Stability and Reactivity**

**Materials to avoid** – None

**Conditions to avoid** – None

**Hazardous decomposition products** – None known

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## 11. Toxicological Information

**Acute oral (rat)\*** – LD50 = >6266 mg/Kg.

**Acute dermal (rat)\*** – LD50 > 5000mg/Kg.

**Irritant (skin and eye) (rabbit)** – Non-irritant (skin), minimal (eye).

**Sensitisation (guinea pig)\*** – Not sensitizing.

**Mutagenicity\*** – Negative test.

**Chromosomal aberration assay in vitro negative** – Gene mutation in mammalian cells is negative.

**Acute oral (dog) LD<sub>50</sub> equivalent\*** – 600-960 pellets/Kg bodyweight.

\*Extrapolated from Technical Concentrate.

## 12. Ecological Information

**Ecotoxicity**

**Fish LC<sub>50</sub> (rainbow trout, 96 hours)** – 1666 mg/l

**Daphnia EC<sub>50</sub> (daphnia magna, 48 hours)** – 2000 mg/l

**Algae ErC<sub>50</sub> (scenedesmus sp., 96 hours)** – 1666 mg/l

**Mobility** – No specific data available

**Persistence and degradability** – Degradation: To carbon dioxide and water

**Bio accumulative potential** – Bioaccumulation: Does not bio accumulate

## 13. Disposal Considerations

**Disposal of used preparation** – Dispose in accordance with local regulations via specialized waste contractor

**Disposal of packaging** – Use specialist waste contractor in accordance with local regulations

## 14. Transport Information ADR/RID/ADNR:

**Specific transport requirements** – The preparation is not classified as Dangerous Goods for Transport.

## 15. Regulatory Information

This preparation is classified and labelled in accordance with the Control Of Pesticides Regulations (1986)

Directive 1999/45/EC

S1/2 Keep locked up and out of the reach of children

S7/8 Keep container tightly closed and dry

S13 Keep away from animal feeding stuffs

S16 Keep away from sources of ignition

S20/21 When using do not eat, drink or smoke

S29/35 Do not empty into drains, dispose of this material and its container in a safe way

S40 To clean floor and all objects contaminated by this material

S62 If swallowed do not induce vomiting, seek medical advice immediately and show this container or label

FS17 Wash hands before meals and after work

To avoid risks to man and the environment, comply with the instructions for use

# ***SHARDA EUROPE B.V.B.A***

## **16. Other Information**

FOR USE ONLY AS A MOLLUSCICIDE

This product is intended for professional users only

This Safety Data Sheet is prepared in compliance with EU Directive 1999/45/EC and also Annex II of the REACH Regulation 1097/2006