

SAFETY DATA SHEET v1.0



Doc number: HD70130-01

Date Compiled: 07/03/2022

Revised: 07/03/2022

Prior to use, ensure this document is the most recent revision

COMPANY PROPRIETARY INFORMATION

COMPANY INFORMATION

Company name: Byrna SA (Pty) Ltd Address:
Byrna SA (Pty) Ltd
50 Kambathi Street, N4 Gateway Industrial Park, Pretoria, 0184, South Africa
Tel: 086-182-0031

SECTION 1 – PRODUCT INFORMATION

Product Name: Inert Practice Powder

Formulation Number: MJMF1369

Identification: Fine slightly granular white powder

Packaging: 2.5kg powder packed in a white plastic container or 5kg or 25kg per bag: Blue LDPE liner fitted into a laminated white outer bag.

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the mixture substance or mixture.

Precautionary statements:

General: Do not breathe dust.
Material is not intended for human/animal consumption.
This material is intended for use as a
Not a hazardous substance or mixture according to
Regulation (EC) No. 1272/2008.

Prevention: Wear protective gloves. Wear respiratory dust mask.
Wash hands thoroughly after handling.

Response: IF ON SKIN: Rinse with plenty of clean water. If skin
irritation occurs: Wash the affected area with a mild soap
and clean water.

IF IN EYES:

Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do.

Storage: Not applicable

Disposal: Not applicable

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Ingredient name	%*	CAS
Calcium carbonate	85 - 95	471-34-1
Silicon dioxide	2 - 10	112945-52-5, 7631-86-9

*Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 – FIRST AID MEASURES

Oral Exposure

Have patient rinse mouth with water. Never give anything by mouth to an unconscious person. If a significant quantity was consumed, seek medical attention, or contact a poison control centre.

Consult a medical practitioner /doctor if feeling unwell.

Inhalation Exposure

Move patient away from exposure to fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Skin Exposure

Rinse the affected area with clean water. If allergic reaction takes place consult a medical practitioner /doctor for advice.

Eye Exposure

Rinse out the affected eye(s) using clean water with the eyelid held wide open. Consult a medical practitioner/doctor if eye irritation persists.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media:

water spray, carbon dioxide, dry powder, foam as appropriate to local circumstances and the surrounding environment.

Fire may cause evolution of gases including carbon oxides.

Ambient fire may liberate hazardous vapours.

Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Cool endangered containers with water-spray.

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SECTION 6 – ACCIDENTAL RELEASE MEASURE

METHODS FOR SPILL CLEANUP

No specific methods. Small and localised spills may be cleaned with water. For large spills, combine with dust-binding agents and dispose of contents/container to an appropriate waste collection point. Dispose of according to regional/national regulations.

SECTION 7 – HANDLING AND STORAGE

Keep this product in a cool, dry place away from direct sunlight and excess moisture.

Store in tightly sealed containers once original seal has been opened.

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 8 – EXPOSURE CONTROLS / PPE

Wear protective gloves/protective clothing/eye protection/face protection. Use of dust masks during handling is advised.

SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES

Product type:	Inert powder premix
Other:	Indicated application: filling of inert practice round shells
Physical State:	Powder
Colour:	White
Density:	0.45 – 0.60 g/ml

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SECTION 10 – STABILITY AND REACTIVITY

Avoid dispersal of dust in the air (i.e., clearing surfaces with compressed air). Material to be stored in a cool (< 25°C), dry place away from direct sunlight and excess moisture.

Keep packaging sealed to avoid exposure to atmospheric oxygen.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute LD₅₀: No Data Available

Literature toxicity data for individual ingredients constituting over 1% by weight:

Material	LD ₅₀ *
Calcium carbonate	6 450 mg/kg
Silicon dioxide	5 000 mg/kg

*LD₅₀ literature values based on mouse animal toxicity studies (oral administration), as published in scientific literature and/or provided by the manufacturer.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental fate: No data available.

All constituent components of the inert powder are biodegradable. This substance/mixture contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

SECTION 13 – DISPOSAL CONSIDERATIONS

No specific considerations. Remove waste in accordance with local and/or national regulations. Do not let product enter drains.

SECTION 14 – TRANSPORT INFORMATION

This substance is non-hazardous for land, air, sea & rail freight transport.

Transport hazard class(es)

N/A (Not classified as dangerous goods)

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SECTION 15 – REGULATORY INFORMATION

ADDITIONAL CLASSIFICATION

Symbol of Danger: None

Safety Statements: Only use product as indicated into Byrna approved ammunition shells.

SECTION 16 – OTHER INFORMATION

The information and statements provided in this publication is based on current knowledge and experience. They do not however represent any assurance towards properties of the product within the sense of liability, guaranty regulations and thus are given without any obligation. Compliance with all applicable laws & regulations should be ensured and all third-party rights must be observed.

The information provided here is for guidance applicable to handling bulk products and to readily identify toxicity & safety data.

Safety information is under continuous review.