



SAFETY DATA SHEET

SUPERIOR STUD MERINO CONCENTRATE

Issuing Date 8-June-2024

Revision Date: 8-June-2024

Version: 1

Section 1: Product and Company Identification

Details of the supplier of the safety data sheet:

Company	Bio John Animal Health
Address	13 Camden Street, Belmont, WA 6104 Australia
Telephone	08 92776122
Website	www.biojohn.com.au
Email	info@bio-john.com.au

Product Identifier:

Product name	Superior Stud Merino Concentrate (combination of substances)
Chemical name	Not Applicable
Chemical formula	Not Applicable
Other means of ID	Not Available

Recommended use of the mixture & restrictions on use:

Product uses	Sheep feedlot supplement.
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Emergency Telephone Numbers:

Organisation	WA Poisons Information Centre
Emergency telephone	13 11 26 (24 hours)

Section 2: Hazard(s) Identification

Hazard category	Signal word	Hazard statement	Symbol
Acute Toxicity (oral) - Category 4	DANGER	H301 Harmful if swallowed	!
Skin Corrosion/Irritation - Category 2	WARNING	H315 Causes skin irritation.	!
Eye damage/eye irritation - Category 2	DANGER	H319 Causes serious eye damage.	
Carcinogenicity - Category 1	DANGER	H350 May cause cancer.	

Precautionary statements:

Prevention	Response	Storage	Disposal
P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear eye protection, face protection, protective gloves. P201 Obtain special instructions before use.	P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor/...if you feel unwell. P330 Rinse mouth. P302 + P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment (see label). P332 + P313 If skin irritation occurs: Get medical advice/attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313	P405 Store locked up.	P501 Dispose of contents/ container to... ...in accordance with local/regional/national/ international regulations.

	If eye irritation persists: Get medical advice/attention. P308 + P313 If exposed or concerned: Get medical advice/attention.		
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Section 3: Composition and information on ingredients

Chemical name	CAS Number	Concentration
Calcium Sulphate Dihydrate	10101-41-41	10-<20%
Calcium Carbonate	1317-65-3	20-<30%
Ingredients determined non-hazardous in this mixture	Unspecified	Balance %

Section 4: First aid measures

Description of first aid measures:

Item	Instruction
General advice	Get medical advice/attention if you feel unwell.
Inhalation	Remove to fresh air. If symptoms persist, call Poisons Centre or doctor.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Contact a doctor.
Skin contact	Wash with soap and water. Take off any contaminated clothing. If irritation continues, get medical advice/attention.
Ingestion	Rinse mouth and drink plenty of water. Do not induce vomiting unless directed to do so by medical personnel. Contact Poison Centre or doctor for advice if large amounts are ingested or you feel unwell.
Self-protection for first aider	Use personal protective equipment as required.



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Symptoms and effects caused by exposure, both acute and delayed:

Please refer to relevant Hazard Statements included in Section 2. Other symptoms and/or effects are unknown.

Medical attention and special treatment:

Call WA Poisons Information Centre and/or doctor to specify the appropriate source of emergency medical advice. Treat symptomatically.

Section 5: Firefighting measures

Suitable extinguishing equipment	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	Avoid generation of dust. Not known to be explosive. Not known to be combustible.
Special protective equipment and precautions for firefighters	No information available.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Personal precautions	Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid generation of dust. Use personal protective equipment as required.
Further information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.

Environmental precautions:

Environmental precautionary measures	Prevent entry of material into drains, waterways or coming into contact with surface/ground water. Clean any contaminated objects and areas thoroughly observing environmental regulations.
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Methods and material for containment and cleaning up:

Methods for containment	Prevent further product release if safe to do so. Prevent product entering waterways, drains or confined areas. Prevent dust generation.
Methods for cleaning up	Collect material mechanically (sweep or vacuum) and place in appropriate container for disposal.
Further information	See Sections 8 and 13 for more information.

Section 7: Accidental release measures

Precautions for safe handling:

Advice on safe handling	Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid generation of dust. Use personal protective equipment.
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Conditions for safe storage, including any incompatibilities:

Storage Conditions	Keep containers or bags tightly closed in a dry and well-ventilated area.
Packaging materials	Product may be packaged in normal commercial packaging; paper or plastic material.

Section 8: Exposure controls and personal protection

Exposure limits	No specific exposure standards or limits are available for this product.
Engineering controls	General exhaust/ventilation systems, eyewash stations, showers.
Individual protection measures	Safety glasses with side-shields are recommended for medical or industrial exposures. Wear suitable gloves. Wash face, hands, and any exposed skin thoroughly after handling. No special protective equipment required – If there is a risk of contact wear suitable protective clothing. Wear respiratory protection.

	No thermal hazards known under normal processing.
Biological monitoring	No data available
General workplace considerations	Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash it before reuse.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties:

Physical state	Solid
Colour	Beige
Odour	None
Melting point/freezing point	No information available
Boiling point or initial boiling point and boiling range	No information available
Flammability	No information available
Lower and upper explosion limit/flammability limit	No information available
Flash point	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available
pH	No information available
Kinematic viscosity	No information available
Solubility	No information available
Partition coefficient: n-octanol/water	No information available
Vapour pressure	No information available
Density and/or relative density	No information available
Relative vapour density	No information available
Particle characteristics	No information available
Other parameters	No information available

Section 10: Stability and reactivity

Reactivity	No information available
Chemical stability	No information available
Possibility of hazardous reactions	No information available
Hazardous polymerization	No information available
Conditions to avoid	Dust formation
Incompatible materials	None known
Hazardous decomposition products	None known

Section 11: Toxicological information

Acute toxicity	The product is deemed classified as Category 4 (Oral). The acute toxicity estimate (ATE mix) is 1785. May be harmful if swallowed based on data available.
Skin corrosion/irritation	May cause skin irritation or allergic skin reaction.
Serious eye damage/irritation	May cause serious eye damage or irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	May cause cancer by inhalation. <i>Product contains Calcium Sulphate Dihydrate CAS-No 10101-41-4.</i>
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity (STOT)—single exposure	NA
Specific Target Organ Toxicity (STOT)—repeated exposure	NA
Aspiration hazard	Based on available data, the classification criteria are not met.
Other adverse effects	None known

Section 12: Ecological information

Ecotoxicity	No information available
Persistence and degradability	No information available
Bio accumulative potential	No information available
Mobility in soil	No information available
Other adverse effects	No information available

Section 13: Disposal considerations

Waste management:

Waste from residue/unused product	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Empty bags or containers should be taken to an approved waste handling facility for recycling or disposal.



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Section 14: Transport information

UN number	2811
Proper shipping name or technical name	Toxic solid, organic, n.o.s.
Transport hazard class	Division 6.1: Toxic substances
Packing group number	NA
Environmental hazards for transport purposes	The mixture is expected to contain environmentally hazardous substances: Calcium Carbonate.
Special precautions of user	Read SDS and emergency procedures before handling. Ensure load is restrained as per Main Roads WA Load Restraint Guide 2004.
Additional information	Not applicable
Hazchem or emergency action code	1Z

Section 15: Regulatory information

Relevant regulatory information subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)	Not applicable
The Stockholm Convention (Persistent Organic Pollutants)	Not applicable
The Rotterdam Convention (Prior Informed Consent)	Not applicable
Basel Convention (Hazardous Waste)	Not applicable
International Convention for the Prevention of Pollution from Ships (MARPOL).	Not applicable

Relevant safety, health and environmental regulatory information subject to the following requirements:

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)	Not applicable
Applicable prohibition or notification/licensing requirements	Not applicable
Agricultural and Veterinary Chemicals (Western Australia) Act 1995	Some AgVet chemicals have been used in the formulation of this product. This SDS fulfills all requirements under WHS Regulations.
Industrial Chemicals Act 2019 (Cwlth)	Not applicable

Section 16: Other information

Date of preparation of the SDS	8/06/2024
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Revision date	8/06/2029
Prepared by	Bio John Pty Ltd
Revision notes	This SDS may be reviewed and updated by Bio John at any time. Please request a copy to ensure you have the most recent version.

Glossary

GHS	The Globally Harmonized System of Classification and Labelling of Chemicals, 7th revised edition, published by the United Nations as modified by Schedule 6 to the WHS Regulations.
Hazard	A situation or thing that has the potential to harm a person. Hazards at work may include: noisy machinery, a moving forklift, chemicals, electricity, working at heights, a repetitive job, bullying and violence at the workplace.
Hazard class	The nature of a physical, health or environmental hazard under the GHS.
Hazardous chemical	Any substance, mixture or article that satisfies the criteria for any one or more hazard classes in the GHS (including a classification referred to in Schedule 6 of the WHS Regulations), unless the only hazard class or classes for which the substance, mixture or article satisfies the criteria are any one or more of the following: – acute toxicity—oral—category 5 – acute toxicity—dermal—category 5 – acute toxicity—inhalation—category 5 – skin corrosion/irritation—category 3 – aspiration hazard—category 2 – flammable gas—category 2 – acute hazard to the aquatic environment—category 1, 2 or 3 – chronic hazard to the aquatic environment—category 1, 2, 3 or 4 – hazardous to the ozone layer. Note: The Schedule 6 tables replace some tables in the GHS.

Hazard statement	A statement assigned to a hazard class or hazard category describing the nature of the hazards of a hazardous chemical including, if appropriate, the degree of hazard.
May	'May' indicates an optional course of action.
Mixture	Means a combination of or a solution composed of two or more substances that do not react with each other.
Precautionary statement	A phrase prescribed by the GHS that describes recommended measures to be taken to prevent or minimise the adverse effects of exposure to a hazardous chemical or the improper handling of a hazardous chemical.
Risk	The possibility harm (death, injury or illness) might occur when exposed to a hazard.
Should	'Should' indicates a recommended course of action.
United Nations (UN) number	A number assigned to dangerous goods by the United Nations Subcommittee of Experts on the Transport of Dangerous Goods.
Workplace	Any place where work is carried out for a business or undertaking and includes any place where a worker goes, or is likely to be, while at work. This may include offices, factories, shops, construction sites, vehicles, ships, aircraft or other mobile structures on land or water.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process.