



MATERIAL SAFETY DATA SHEET

Fusion Dyad

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Trade Name	Fusion Dyad
Manufactured by	Nutritech International Ltd 6 Aintree Avenue Mangere Auckland Ph 0064 9 276 1185 www.nutritech.co.nz
Customer Centre:	0800 736 339
National Poisons Information Centre:	0800 POISON (0800 764 766)
Emergency Telephone Number:	027 444 4569
Transport Emergency:	111 – Tell operator what service is needed: Fire, Ambulance, Police

2. HAZARDS IDENTIFICATION

H313 May be harmful in contact with skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Binder for use in animal feeds and feed ingredients

PROPIONIC ACID

EINECS	CAS	PBT / WEL	Classification	Percent
201-176-3	79-09-4	-	H313	<1%

4. FIRST AID MEASURES

General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Skin contact	Wash off immediately with plenty of soap and water.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if symptoms persist.
Ingestion	Consult a physician



Version: 1.02

Revision Date 12/10/2021

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media water spray, dry powder, foam, carbon dioxide (CO₂)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protective equipment.
Environmental precautions N/A
Methods for cleaning up Sweep up carefully. Place in suitable containers for disposal.

7. HANDLING AND STORAGE

HANDLING

Safe handling advice Wear personal protective equipment. Avoid contact with skin and eyes and ensure adequate ventilation. Keep containers tightly sealed and free from moisture. Avoid contamination of product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:

PROPIONIC ACID...100%

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	31 mg/m ³	46 mg/m ³	-	-

PERSONAL PROTECTIVE EQUIPMENT

Hand protection **suitable gloves:**
Material: latex gloves

Respiratory Virtually dust-free but disposable mask may be worn

Eye protection tightly fitting safety goggles may be worn

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Cream powder
Odour Aromatic
pH (1% solution) Not established
Melting point/range no data available
Boiling point/range N/A
Flash point Not applicable.
Bulk density N/A
Water solubility Not soluble



Version: 1.02

Revision Date 12/10/2021

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	N/A
Materials to avoid	Strong alkalis, oxidizable and combustible materials
Hazardous decomposition products	N/A

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:

PROPIONIC ACID...100%

IVN	MUS	LD50	625	mg/kg
ORL	RAT	LD50	2600	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Biodegradability Readily biodegradable.

ECOTOXICITY EFFECTS

Toxicity to fish No data.

13. DISPOSAL CONSIDERATIONS

Product	Dispose of in compliance with Special Waste Regulations
Packaging	Dispose of in compliance with the Environmental Protection Regulations

14. TRANSPORT INFORMATION

Further Information Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

LABELLING

Keep out of reach of children
Store in a cool dry place, close container after use.
Avoid inhalation and ingestion.
Avoid skin and eye contact



Version: 1.02

Revision Date 12/10/2021

16. OTHER INFORMATION

HSNO approval number

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 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, unless specified in the text.