


SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name	Buffy
Company Name	Kenso Corporation (M) Sdn Bhd
Address	2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand
Telephone	0800 536 766
Hazardous Substances	
Emergency Telephone	0800 CHEMCALL (0800 243 622) (24 hours)
National Poisons Centre	0800 POISON (0800 764 766) (24 hours)
Use	Surfactant

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Pictograms	
Signal Word	DANGER
Hazard Statement	H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H335: May cause respiratory irritation.
Prevention	P260: Do not breathe. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash contacted area thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P321: Specific treatment (see FIRST AID on this label). P363: Wash contaminated clothing before reuse.
Storage	P403 + P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.
Disposal	P501: Dispose of contents/containers as specified on the registered label.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion
Propionic acid	79-09-4	35% w/v
Other inert ingredients	secret	To 100% w/v

SECTION 4 – FIRST AID MEASURES

Ingestion	If swallowed, do not induce vomiting; seek medical advice immediately.
Eye	Flush eyes immediately with plenty of fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. However, if irritation persists, seek immediate medical advice.
Skin	Remove contaminated clothing, wash skin with plenty of soap and water. See a doctor if any signs or symptoms described in this document occur. Discard contaminated non-waterproof shoes and boots. Thoroughly launder contaminated clothing before re-wearing.
Inhalation	Remove patient to fresh air. If not breathing, give artificial respiration, preferably mouth-to-nose. Get immediate medical attention if symptoms develop.
Advice to Doctor	Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard	None
HAZCHEM Code	2X
IER Guide No	NA
Extinguishing Media	Carbon dioxide, dry chemical, fog.
Fire Fighting Instructions	Evacuate personnel to a safe area. Always wear positive-pressure self-contained breathing apparatus and full protective clothing. Do not allow water from fire-fighting to enter water supplies or drainage systems.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	For appropriate personal protective equipment (PPE), refer to section 8.
Spillage	Avoid contact with skin and eyes. Wear chemical resistant: coveralls, either a full-face respirator or a half mask respirator (Organic Vapour cartridge minimum specification for both) gloves and footwear. Keep away animals and unprotected persons. Do NOT allowed spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways. In the case of spillage, contain and absorb spilled material with absorbent material such as sand, clay or soil. Vacuum, shovel or pump waste into a containment drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (i.e., detergent, bleach or alkaline cleaners/detergents) and add the solution to the drum/s of wastes already collected. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local Authorities or at a Hazardous Waste Disposal facility.

SECTION 7 – HANDLING AND STORAGE

Storage	Keep out of reach of children. Store in original container, tightly closed, away from human and animal foodstuffs, medicines and remedies, seeds and fertilisers. Segregate from incompatible substances (see section 10 below). Store in a cool, dry, well ventilated place and protect from sunlight.
Handling	When mixing or applying, avoid contact with skin and eyes. Wear chemical resistant protective clothing, gloves and goggles. Do not inhale spray or spray mists. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work. Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from human and animal foods/feeds, seeds, fertilisers and other incompatible hazardous substances.
Handler Competence	Persons responsible for the storage, handling, mixing, applying or disposing of this product must either be a Certified Handler or, be trained, experienced or supervised in accordance with requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.
Tracking (Record Keeping)	Not required.
Additional Requirements	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2021 'Management of Agrichemicals', and relevant local and regional council plans.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Not applicable.
Personal Protection	When preparing and applying spray solution, wear chemical resistant protective clothing including: coveralls, either a full-face respirator or a half mask respirator (Organic Vapour cartridge minimum specification for both), gloves and footwear. Avoid contact with eyes and skin. Do not inhale spray mist. If inhalation of sprays mists is likely wear respiratory protection as specified above. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash/laundry protective equipment and contaminated clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Dark brown
Odour	Pungent
Specific gravity	1.04
Flash point (°C)	NA
Flammability Limits	Non flammable
Miscibility	Miscible
Oxidising properties	Not oxidising
Explosive properties	Not explosive

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatibility	Strong oxidising agents.
Decomposition	Hazardous polymerization is not possible.
Dangerous Reactions	Not known.

SECTION 11 – TOXICOLOGICAL INFORMATION

This section describes effects which could occur if this product is not handled in accordance with this data sheet.

Acute Toxicity (on active ingredient)	Acute Oral LD ₅₀ (rats) : >5000 mg/kg Acute Dermal LD ₅₀ (rats) : >2000 mg/kg Acute inhalation LC ₅₀ (4h): not established
Skin Irritation	Irritant
Eye Irritation	Irritant
Sensitisation Effects	Not a sensitizer
Chronic (on active ingredient)	Not available

SECTION 12 – ECOTOXICITY INFORMATION

This section describes effects which could occur if this material is not handled in accordance with this data sheet.

The following information is presented in respect of the active ingredient:

Ecotoxic Effects (on active ingredient)	Acute toxicity to fish: LC ₅₀ (96 h) = 130 mg/L (Rainbow trout) LC ₅₀ (96 h) = 210 mg/L (Bluegill sunfish) LC ₅₀ (96 h) = 170 mg/L (Daphnia magna)
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SECTION 13 – DISPOSAL CONSIDERATIONS

Product	Dispose of this product only by using according to the label, or at an approved hazardous substances disposal facility.
Container	Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise crush and submit to a local authority waste transfer station. DO NOT reuse this container for any other purpose.

SECTION 14 – TRANSPORT INFORMATION

Dangerous Goods	
UN Number	1848
Proper Shipping Name	PROPIONIC ACID
Class	8
Subsidiary Class	None
Packaging Group	III
Additional Information	NA
MTQ (Non-Commercial)	250L

SECTION 15 – REGULATORY INFORMATION

HSNO Approval No	HSR002491
ACVM Approval No	NA

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature.

Contact Points

Police, Ambulance and Fire Service	111
National Poisons Information Centre	0800 POISON (0800 764 766)
Hazardous Substances Emergency	0800 Chemcall (0800 243 622)