

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Product Name: Buffy
Company Name: Kenso Corporation (M) Sdn Bhd
Address: Office A, 49B, Apollo Drive, Rosedale, Auckland 063 NZ
Telephone Number: (09) 410 0861
Emergency Telephone Number: (24 Hours) 0800 734 607
National Poisons & Hazchem Information Centre : 0800 POISON (0800 764 766)
Use: Surfactant

SECTION 2 – HAZARDS IDENTIFICATION

Hazard classification: 6.3B, 6.4A
Priority Identifier: HARMFUL
KEEP OUT OF REACH OF CHILDREN
Secondary Identifiers: 6.3B = Irritating to skin
6.4A = Irritating to eyes

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS number	Proportion
Propionic acid	79-09-4	35 % w/v
Other inert ingredients	secret	to 100% w/v

SECTION 4 – FIRST AID MEASURES

Swallowed	If swallowed, do not induce vomiting; seek medical advice immediately.
Eye	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. Wash contaminated clothing before re-wearing.
Skin	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, see a doctor.
Inhaled	Remove to fresh air until recovered. See a doctor if discomfort or irritation continues.

Advice to Doctor
Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard

Hazardous decomposition products
May produce hazardous by-products.

Extinguishing Media
Carbon dioxide (CO₂), dry chemical, Water spray, fog, water spray.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills and Disposal

Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants ,waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work. Do NOT allow 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 cat litter. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (ie organic solvent, detergent, bleach or caustic) and add the solution to the drums of wastes already collected. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local Authorities.

SECTION 7 – HANDLING AND STORAGE

When mixing or applying, avoid contact with skin and eyes. Wear protective clothing, gloves and goggles. 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 feed, seeds and foodstuffs.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

Not applicable

Engineering Controls:

Well ventilated

Personal Protection:

Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray solution, wear PVC/rubber apron or cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and goggles or face-shield. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face and contaminated clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	dark brown liquid
Odour:	pungent
Boiling point (°C):	>150 °C
Vapour Pressure:	Not available
Flammability Limits:	Non-flammable
Specific Density:	1.04 ± 0.01
Water Solubility	Misible

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions.
Conditions to avoid:	High alkaline conditions.
Materials to avoid:	Strong oxidisers.
Hazardous Polymerization:	Hazardous polymerisation is not possible.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity – Oral LD₅₀ (rat) > 5000 mg/kg for formulated product
Acute Toxicity – Dermal LD₅₀ (rat) > 5000 mg/kg for formulated product
Acute Toxicity – Inhalation Not established

SECTION 12 – ECOLOGICAL INFORMATION

Acute Toxicity – Rainbow Trout
LC₅₀ (96 hr) for the most sensitive species tested is 130 mg/l.
Acute Toxicity – Bluegill Sunfish
LC₅₀ (96 hr) for the most sensitive species tested is 210 mg/l.
Acute Toxicity – Daphnia Magna
LC₅₀ (48 hr) for the most sensitive species tested is 170 mg/l.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

SECTION 14 – TRANSPORT INFORMATION

UN Number (Sea Transport): NA

IMO Proper Shipping: Not a Dangerous Goods

SECTION 15 – REGULATORY INFORMATION

HSNO Approval Number: HSR002503
HSNO Controls (inc. Tracking and Record Keeping):
See <http://www.epa.govt.nz> for controls.

SECTION 16 – OTHER INFORMATION

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

CONTACT POINT:

Police and Fire Service:	Dial	111
National Poisons & Hazchem	Dial	0800 POISON (0800 764 766)
Information Centre:		