

## SECTION 1 – IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

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

## SECTION 2 – HAZARDS IDENTIFICATION

<b>Hazard Pictograms</b>	
<b>Hazard Classification</b>	<b>6.3B, 6.4A</b>
<b>Priority Identifier</b>	<b>DANGER</b>
<b>Secondary Identifier</b>	<b>KEEP OUT OF REACH OF CHILDREN</b> 6.3BA = Irritating to skin 6.4A = Irritating to eyes

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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

## SECTION 4 – FIRST AID MEASURES

<b>Ingestion</b>	If swallowed, do not induce vomiting; seek medical advice immediately.
<b>Eye</b>	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.
<b>Skin</b>	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.
<b>Inhalation</b>	Remove to fresh air until recovered. See a doctor if discomfort or irritation continues.
<b>Advice to Doctor</b>	Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire/Explosion Hazard</b>	None
<b>HAZCHEM Code</b>	2W
<b>IER Guide No</b>	NA
<b>Extinguishing Media</b>	Carbon dioxide, dry chemical, fog.
<b>Fire Fighting Instructions</b>	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

<b>Personal Precautions</b>	For appropriate personal protective equipment (PPE), refer to section 8.
<b>Spillage</b>	Avoid contact with skin and eyes. Wear long chemical resistant: coveralls waterproof gloves and footwear, safety goggles or face shield. Keep out 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.

## SECTION 7 – HANDLING AND STORAGE

<b>Storage</b>	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.
<b>Handling</b>	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.
<b>Certified Handler Tracking (Record Keeping)</b>	Not required.
<b>Additional Requirements</b>	Not required.
	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2004 'Management of Agrichemicals', and relevant local and regional council plans.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Engineering Controls</b>	Not applicable.
<b>Personal Protection</b>	When preparing and applying spray solution, wear chemical resistant protective clothing including: coveralls, gloves and goggles or face-shield. Avoid contact with eyes and skin. Do not inhale spray mist. If inhalation of sprays mists is likely wear respiratory protection to a minimum of Organic Vapour specification. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, protective equipment and contaminated clothing.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

## SECTION 10 – STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Incompatibility</b>	Strong oxidising agents.
<b>Decomposition</b>	Hazardous polymerization is not possible.
<b>Dangerous Reactions</b>	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.

<b>Acute Toxicity (on active ingredient)</b>	Acute Oral LD <sub>50</sub> (rats) : >5000 mg/kg Acute Dermal LD <sub>50</sub> (rats) : >2000 mg/kg Acute inhalation LC <sub>50</sub> (4h): not established
<b>Skin Irritation</b>	Irritant

<b>Eye Irritation</b>	Irritant
<b>Sensitisation Effects</b>	Not a sensitizer
<b>Chronic (on active ingredient)</b>	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:

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

<b>Product</b>	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.
<b>Container</b>	Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, <a href="http://www.agrecovery.co.nz">www.agrecovery.co.nz</a> ). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

## SECTION 14 – TRANSPORT INFORMATION

<b>Dangerous Goods</b>	Not a Dangerous Goods
<b>UN Number</b>	NA
<b>Proper Shipping Name</b>	NA
<b>Class</b>	NA
<b>Subsidiary Class</b>	NA
<b>Packaging Group</b>	III
<b>Additional Information</b>	NA
<b>MTQ (Non-Commercial)</b>	NA

## SECTION 15 – REGULATORY INFORMATION

<b>HSNO Approval No</b>	HSR002503
<b>ACVM Approval No</b>	NA

## SECTION 16 – OTHER INFORMATION

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

<b>Contact Points</b>	
Police, Ambulance and Fire Service	111
National Poisons Information Centre	0800 POISON (0800 764 766)
Hazardous Substances Emergency	0800 Chemcall (0800 243 622)