

Safety Data Sheet

Issue No: 1.2	2 nd Edition: April 2019
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1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product Name:	SKIMMER PLUS
Recommended Use:	A concentrated solution for the removal of post-harvest chemical-residues from packhouse hard surfaces to limit the risk of residue transfer to fruit and vegetables
Supplier:	ICA International Chemicals (Pty) Ltd
Address:	28 Planken Street Plankenbrug Industrial STELLENBOSCH · 7600 · SOUTH AFRICA
Telephone No:	+27 (0) 21 886 9812
Fax No:	+27 (0) 21 886 8209
Emergency Tel No:	Griffon Poison Information Centre +27 (0) 82 446 8946 Poisons Helpline +27 (0) 861 555 777

2. HAZARD IDENTIFICATION ON PRODUCT

GHS classification of product	Acute Toxicity Oral Category 4 Acute Toxicity dermal Category 4 Inhalation Category 4 Skin Irritant Category 2 Eye Irritation Category 2A Flammable liquid category 4
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GHS Label elements



Signal Word

Warning

Hazard Statements

H302: Harmful if swallowed
H312: Harmful in contact with skin
H315: Causes skin irritation
H319: Causes serious eye irritation
H332: Harmful if inhaled
H227: Combustible Liquid

Precautionary Statements

P101 If medical advice is needed: Have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing.
P301+312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302+352 + P312 IF ON SKIN: Wash with plenty of water. Call a POISON CENTER or doctor/ physician if you feel unwell.
P304 + P340 + P312 IF INHALED Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 +P311 If exposed or concerned: Call a POISON CENTER/Doctor.

P314 Get medical advice/attention if you feel unwell.
 P332 + P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists get medical advice/attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P370+378 In case of fire: Use ·Alcohol-resistant foam, dry chemical, carbon dioxide, water spray to extinguish.
 P391 Collect spillage.
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of container and contents in accordance with local/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(s)	Concentration g/kg
Butanol derivative	640
Non-ionic surfactant	
Inert substances	

4. FIRST AID MEASURES

Show this SAFETY DATA SHEET to a doctor.

- INHALATION:**
 - Treat symptomatically. Remove patient from source of exposure and move to fresh air. If not breathing, give artificial respiration. Consult a physician.
- SKIN:**
 - Wash affected areas (skin) immediately with soap and plenty of water. Get medical attention/advice.
- EYES:**
 - Remove any contact lenses. Rinse eyes immediately with plenty of clean water for at least 15 minutes. Hold eyelids apart while flushing. Get medical attention/advice.
- INGESTION:**
 - Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention/advice.
- NOTE TO PHYSICIAN:
POTENTIAL HEALTH AFFECTS,
ACUTE AND DELAYED**
 - Treat symptomatically.
 - Not enough information available to advice.

5. FIRE FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA:**
 - Alcohol-resistant foam, dry chemical, carbon dioxide, water spray.
- UNSUITABLE EXTINGUISHING MEDIA:**
 - High volume water jet, due to contamination risk.
- HAZARDS FROM COMBUSTION PRODUCTS:**
 - Carbon oxides.
- PRECAUTIONS FOR FIRE FIGHTERS:**
 - Fire fighters should wear full protective gear including self-containing breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.
- HAZCHEM CODE:**
 - None.
- FURTHER INFORMATION:**
 - If possible, safely remove intact containers from the fire.
 - Keep containers cool by spraying with water if exposed to fire.
 - If conditions permit, let fire burn itself out, as water used in extinguishing may contaminate the area.
 - Collect contaminated extinguishing water separately; do not allow contaminated water to reach the sewage or effluent systems.
 - Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
 - In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK:

- Avoid contact with spilled material or contaminated surfaces.
- Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

- Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Remove all sources of ignition.
- DO NOT eat, drink or smoke.
- Wear personal protective clothing and equipment (see section 8). Keep people and animals away.
- Control the spill at its source. Contain the spill immediately. Sweep up (by wet-brushing) or vacuum material, scrub area with hard water detergent. Pick up wash liquid with additional absorbent material and place all collected in a container for disposal. Seal container and arrange for disposition.
- PREVENT spilled material from entering drains or sewer systems. Dike and bund area with sand/earth to prevent contamination of drains or sewers.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Wear suitable protective clothing. No special measures necessary if stored and handled correctly according to label. Keep away from heat, sources of ignition, protect from sunlight and from freezing. Ensure thorough ventilation of stores and work areas. Wash hands, arms and face after use. Wash gloves and contaminated protective clothing daily.
CONDITIONS FOR SAFE STORAGE:	Store out of reach of children, tightly closed in original containers, which include the complete label, in a cool, dry and well ventilated area out of direct sunlight. Storage class (TRGS 510): Combustible liquids. Segregate from foods and animal feeds.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

AOEL:	None allocated
ENGINEERING CONTROLS:	Facilities should be equipped with an eyewash facility and a safety shower.
PERSONAL PROTECTIVE EQUIPMENT:	Wear suitable protective clothing which include chemical-resistant footwear, respirator; eye shields and gloves (chemical-resistant gloves made of any waterproof material such as nitrile, full contact 0.4 mm thickness, break through time 480 min; Splash contact 0.2 mm , break through time 30 min Use a full-face respirator with type ABEK (EN 14387) respirator cartridges

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (colour; physical form)	Clear to opaque slightly yellow liquid
ODOUR:	Distinct chemical odour
pH (1 % in water)	pH 8.6.
DENSITY:	~ 964 g/liter
FLASHPOINT:	66 °C

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use
CONDITIONS TO AVOID:	Excessive heat, freezing

11. TOXICOLOGICAL INFORMATION

ANIMAL ACUTE TOXICITY DATA		
ORAL:	LD ₅₀ (rat)	880 a.i. mg /kg
DERMAL:	LD ₅₀ (rabbit)	1 060 a.i. mg/kg bw.
INHALATION:	LC ₅₀ (4h) rat	Not available
SKIN:		Skin irritant, Not sensitizer
EYES		Serious eye damage/irritation

In studies not mutagenic, neurotoxic, carcinogenic or teratogenic. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Additional Information

Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings. Central nervous system depression, Headache and narcosis.

12. ECOLOGICAL INFORMATION (a.i.)

ECOTOXICITY:

Fish: LC ₅₀ (96h)	<i>Oncorhynchus mykiss</i> 1.474 mg a.i./ℓ
Daphnia: EC ₅₀ (48h)	1.550 mg a.i./ℓ
Toxicity to algae	1.840 mg/ℓ - 72 h
	DT ₅₀ soil = 456 = persistent

PERSISTENCE, DEGRADABILITY and MOBILITY:

Readily biodegradable
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

13. DISPOSAL CONSIDERATIONS

On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities.

Invert empty container over mix or spray tank and allow draining for at least 30 seconds until flow has slowed to a drip. Triple rinse the empty container with clean water equal to a minimum of 30 % of the volume of the container. Add rinsing to the contents of the spray tank. Replace cap and return clean container to recycler. . If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. Do not use container for any other purpose.

DO NOT burn empty containers or product.

DIP Disposal: According to local legislative requirements

14. TRANSPORT INFORMATION

UN NUMBER: None Allocated. Not regulated as a dangerous good

PROPER SHIPPING NAME: Combustible Liquid Category 4

CLASS AND SUBSIDIARY RISK(S):

UN PACKING GROUP:

Tel No: +27 (0) 21 886 9812

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of SABS ISO 11014-1:2010

16. OTHER INFORMATION

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how to prevent accidents in the normal workplace including in conjunction with other products.

The information was obtained from sources which we believe are reliable. However, the information is provided in good faith. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and for this reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used for this product only.

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END of SDS