


## Section 1: Identification: Product identifier and chemical identity

<b>Product Identifier:</b>	<b>ACIDOWET 700 SURFACTANT</b>
<b>Active Constituent:</b>	<b>350g/L SOYAL PHOSPHOLIPIDS</b> <b>330g/L PROPIONIC ACID</b>
<b>Other Means of Identification:</b>	Surfactant Grow Choice product code number: 700 AVPMA registered number: 52450
<b>Recommended Use:</b>	An acidifying and penetrating surfactant which can also reduce chemical hydrolysis.
<b>Details of manufacturer or importer:</b>	<b>Grow Choice Pty Ltd</b> ABN 36 161 264 884
<b>Address:</b>	<b>113 Fitzroy Street</b> <b>TAMWORTH NSW 2340</b> <b>AUSTRALIA</b>
<b>Website:</b>	<b>www.growchoice.com.au</b>
<b>Phone Number &amp; Email:</b>	<b>(02) 6766 3979 - admin@growchoice.com.au</b>
<b>Emergency Phone Number:</b>	<b>In Case Of Emergency Dial 000</b>
<b>Poisons Information Centre:</b>	<b>Phone: 13 11 26 and speak to a Poisons Information Specialist.</b> <b>Fax: +61 2 9845 3597</b> <a href="http://www.chw.edu.au/poisons/contact.htm">http://www.chw.edu.au/poisons/contact.htm</a>

## Section 2: Hazards identification

This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.	
<b>Classification of the substance and mixture:</b>	DT3 Acute Toxicity - Dermal: Category 3 OT4 Acute Toxicity - Oral: Category 4 SC-1A Skin Corrosion/Irritation: Category 1A
<b>Signal word:</b>	DANGER
<b>Hazard statements:</b>	H311 Toxic in contact with skin. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage.
<b>General precautionary statements:</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.
<b>Pictogram(s):</b>	
<b>Precautionary statement – Prevention</b>	P280 Wear protective gloves, clothing, eye and face protection. P264 Wash hands and exposed skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P260 Do not breathe dust or mist.
<b>Precautionary statement – Response</b>	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. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P363 Wash contaminated clothing before reuse. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P310 Immediately call a POISON CENTER or doctor/physician. P321 Specific treatment (see information on this SDS). P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Other information:</b>	Poisons Schedule S5.

### Section 3: Composition and information on ingredients

Chemical characterisation: Liquid

#### Ingredients:

Chemical name	CAS No	Proportion
Soyal Phospholipids	8002-43-5	350 g/L
Propionic acid	79-09-4	330 g/L
Nonyl phenol ethoxylates	26027-38-3	10-30%

### Section 4: First aid measures

**In Case Of Emergency Dial 000 and/or Poisons Information Centre: Phone: 13 11 26 and speak to a Poisons Information Specialist. Take this SDS and or DFU/Label with you or when calling the Poisons Information Centre.**

<b>Inhalation:</b>	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
<b>Skin contact:</b>	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If irritation persists, seek medical advice.
<b>Eye contact:</b>	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice immediately.
<b>Ingestion:</b>	Rinse mouth and then drink plenty of water. If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 13 11 26 (Aust). Make every effort to prevent vomit from entering the lungs by careful placement of the patient.
<b>Advice to Doctor:</b>	Treat symptomatically. If vomiting has occurred, vomitus may have been aspirated into the lungs which may result in lung damage.

### Section 5: Fire fighting measures

<b>Suitable Extinguishing Equipment:</b>	Choose extinguishing media to suit the burning material.
<b>Specific hazards from combustion products:</b>	Non-combustible. If involved in a fire, the dehydrated components may emit oxides of carbon, oxides of nitrogen and minor quantities of phosphorous oxides.
<b>Special Protective Equipment for Fire Fighters:</b>	Breathable air apparatus should be worn when fighting a fire in which this product is involved.
<b>Specific hazards arising from the chemical:</b>	Considered low risk due to water content, however upon evaporation of water the product is combustible.
<b>Further information:</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES.

### Section 6: Accidental release measures

<b>Spills and disposal:</b>	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.
<b>Personal protection:</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Environmental precautions:</b>	Prevent from entering drains, waterways or sewers.

## Section 7: Handling and storage

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

**Conditions for safe storage, including any incompatibilities:** Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight.  
Do not store below 5°C. Extended storage below 5°C can result in the formation of crystals on the bottom of the container. If crystallisation does occur, store the container on its side at room temperature and rock occasionally until crystals re-dissolve.

## Section 8: Exposure controls and personal protection

**Occupational exposure limit values:** No exposure standard for this product has been set, however, an exposure standard has been set for propionic acid at 30 mg/m<sup>3</sup>.

**Appropriate engineering controls:** Handle in well ventilated areas, generally natural ventilation is adequate.

**Personal protective equipment:** It is good practice to wear suitable personal protective equipment (PPE).  
When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles.

**Hygiene measures:** After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.  
After each day's use, wash contaminated clothing and safety equipment.

**Requirements concerning special training:** Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

## Section 9: Physical and chemical properties

Information on basic physical and chemical properties:

<b>Form:</b>	Liquid	<b>Appearance:</b>	Dark brown liquid
<b>Odour:</b>	Pungent, vinegar like odour	<b>Solubility in water:</b>	Disburses in water
<b>Specific gravity:</b>	1.027	<b>pH:</b>	3.6 (1% solution)
<b>Vapour pressure:</b>	0.5kPa @ 25°C (propionic acid)	<b>Flash point:</b>	>120°C (closed cup)
<b>Partitioning coefficient n-octanol/water (log Pow):</b>	Kow Log Pow: 0.25 (propionic acid)		
<b>Flammability</b>	Non combustible material	<b>Other information:</b>	pKa is 4.87 (propionic acid)

## Section 10: Stability and reactivity

**Chemical stability:** Stable under normal conditions.

**Incompatible materials:** Avoid contact with alkaline materials.

**Hazardous polymerisation:** Hazardous polymerisation is not possible.

## Section 11: Toxicological information (cont. page 4)

**Acute toxicity - oral** LD50 (rat) >5000 mg/kg for for a similar formulation.

**Acute inhalation toxicity:** LC50 (rat) (4hr) >6.04 mg/l for a similar formulation.

**Acute dermal toxicity:** LD50 (rabbit) >5000 mg/kg for a similar formulation.

<b>Ingestion:</b>	Prolonged contact with the concentrate may cause irritation or burns to the mucous membranes.
<b>Inhalation:</b>	Inhalation of vapours or mists of this material will result in irritation of the nose, throat and lungs. Symptoms may include nasal irritation, sore throat, coughing, hoarseness and, in extreme exposures, breathing difficulties.
<b>Skin irritation:</b>	Will irritate the skin.
<b>Eye irritation:</b>	The concentrate will cause severe irritation and possible damage unless washed off immediately.
<b>Skin sensitisation:</b>	Product is not a skin sensitiser.
<b>Chronic Effects:</b>	No information available, no chronic effects expected.
<b>Serious eye damage/irritation:</b>	LI 700 is a severe eye irritant.
<b>Skin corrosion/irritation:</b>	Severe irritant.

## Section 12: Ecological information

<b>Acute toxicity - Fish:</b>	LC50 (96hr) for bluegill sunfish is 210 mg/l. LC50 (96hr) for rainbow trout is 130 mg/l.
<b>Acute toxicity - Daphnia:</b>	LC50 (48hr) for daphnia is 170 mg/l.

## Section 13: Disposal considerations

<b>Product Disposal:</b>	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 who hold periodic collections of unwanted chemicals (ChemClear®).
<b>Container Disposal:</b>	Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. Break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

## Section 14: Transport information

<b>Storage and transport:</b>	Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## Section 15: Regulatory information

<b>Regulatory information:</b>	WHS Schedule 11: item 37 (skin corrosion category 1A).
<b>Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):</b>	Schedule 5
<b>Packaging and labelling:</b>	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
<b>Registration status:</b> Registered	<b>APVMA approval:</b> 52450

## Section 16: Any other relevant information

**Date of preparation or last revision:** This Safety Data Sheet was reviewed on 15 January 2021 and replaces MSDS dated 27 January 2017.

**Source of Data:** The information provided in this SDS is sourced from Grow Choice studies which have been conducted according to Regulatory requirements including OECD and CIPAC Guidelines and EC Directives. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

**Note:** This product is a registered agricultural chemical and must, therefore, be used in accordance with the container label directions

**CONTACT POINT:** Grow Choice Pty Ltd  
(02) 6766 3979  
**24 HOURS EMERGENCY CONTACT: 13 11 26**

This Material Safety Data Sheet 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 the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

### **DISCLAIMER**

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Grow Choice's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Grow Choice shall have no liability.

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