

# SAFETY DATA SHEET

# Cidisan

**Preparation Date:** 24-Aug-2015

**Revision Number:** 3.0

**Revision Date:** 20-Dec-2016

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
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<b>Product Name</b>	Cidisan
<b>Item#:</b>	AU0001
<b>Recommended use</b>	Acidic cleaner
<b>Uses advised against</b>	Restricted to professional users

<b>Supplier</b>	DeLaval Pty Ltd 1 Global Drive Westmeadows, VIC 3049 Australia Telephone 61-3-8336-7977
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<b>Emergency Telephone Number</b>	131 126 (Poison Control Centre)
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## 2. HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Skin corrosion/irritation - Category 1B  
 Serious eye damage/eye irritation - Category 1

### 2.2. Label Elements

#### Hazard Pictogram(s)



<b>Name of hazard pictogram(s)</b>	Corrosion
<b>Signal word</b>	DANGER
<b>Hazard Statements</b>	H314 - Causes severe skin burns and eye damage
<b>Precautionary statements</b>	<p>P102 - Keep out of reach of children          P260 - Do not breathe dust/fume/gas/mist/vapors/spray          P264 - Wash hands thoroughly after handling          P280 - Wear protective gloves/protective clothing/eye protection/face protection          P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting          P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.          P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing          P363 - Wash contaminated clothing before reuse          P310 - Immediately call a POISON CENTER/doctor.          P405 - Store locked up          P501 - Dispose of contents/container in accordance with local regulations</p>

#### Note

Signal words and pictograms are not required on labels for AgVet chemicals.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Phosphoric acid	7664-38-2	10 - 30%
Sulfuric acid	7664-93-9	1 - 10%
Water	7732-18-5	> 60%
Polyethylene-polypropylene glycol	9003-11-6	1 - 10%
Alcohols, C9-11, ethoxylated	68439-46-3	1 - 10%
Alcohols, C9-11, propoxylated	68920-69-4	1 - 10%
Phosphonic acid, octyl-	4724-48-5	1 - 10%
Acid Red 27	915-67-3	0 - 1%

## 4. FIRST AID MEASURES

<b>General Advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Immediate medical attention is required. Rinse immediately with plenty of water,

	also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician or Poison Control Centre immediately.
<b>Ingestion</b>	Immediate medical attention is required. Remove from exposure, lie down. Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.
<b>Effects of overexposure</b>	No information available
<b>Indication of any immediate medical attention and special treatment needed</b>	No information available

## 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	The product is not flammable
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available
<b>Specific hazards arising from the chemical</b>	The product causes burns of eyes, skin and mucous membranes.
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Hazchem Code</b>	2R

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
<b>Methods for cleaning up</b>	Dam up. Prevent product from entering drains. Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

<b>Safe Handling Advice</b>	Avoid contact with skin and eyes. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep away from direct sunlight.
<b>Incompatible products</b>	No information available.

<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Occupational exposure controls****Exposure limits**

No exposure standard allocated

<b>Chemical Name</b>	<b>ES-TWA</b>	<b>ES-STEL</b>	<b>ES-Peak</b>
Phosphoric acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	
Sulfuric acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	

**Biological standards**

No biological limit allocated

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment****Eye/face Protection**

Tightly fitting safety goggles

**Skin Protection**

Long sleeved clothing, Chemical resistant apron, Boots

**Hand Protection**

Neoprene gloves

**Respiratory Protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. In case of insufficient ventilation wear suitable respiratory equipment.

**General Hygiene Considerations**

Keep away from food, drink and animal feedingstuffs. When using, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. For environmental protection remove and wash all contaminated protective equipment before re-use. Wear suitable gloves and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Orange
<b>Physical state</b>	Liquid
<b>Odor</b>	Slight
<b>Odor Threshold</b>	No information available
<b>pH</b>	2
<b>Specific Gravity</b>	1.2
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Flash Point</b>	The product is not flammable
<b>Autoignition Temperature</b>	No data available
<b>Boiling Point/Range</b>	No data available
<b>Melting Point/Range</b>	No data available
<b>Freezing Point/Range</b>	No data available
<b>Decomposition temperature</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Explosion Limits</b>	No information available
<b>Evaporation Rate</b>	No data available
<b>Relative Density</b>	No data available
<b>Solubility</b>	Soluble
<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Viscosity</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal use
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	bases, bleach
<b>Hazardous decomposition products</b>	Thermal decomposition can lead to release of irritating gases and vapours

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Inhalation</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	No information available.

### **Component Analysis - LD50/LC50**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Phosphoric acid	= 1530 mg/kg ( Rat )	2730 mg/kg ( Rabbit )	850 mg/m <sup>3</sup> ( Rat ) 1 h

7664-38-2			
Sulfuric acid 7664-93-9	= 2140 mg/kg ( Rat )		= 510 mg/m <sup>3</sup> ( Rat ) 2 h
Polyethylene-polypropylene glycol 9003-11-6	= 5700 mg/kg ( Rat )		= 320 mg/m <sup>3</sup> ( Rat ) 4 h
Alcohols, C9-11, ethoxylated 68439-46-3	= 1400 mg/kg ( Rat ) = 1378 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	

### Potential Health Effects

**Skin Corrosion/Irritation** Causes severe burns. ( . Category 1A. ).

**Serious eye damage/eye irritation** No information available.

**Chronic Toxicity** Possible risks of irreversible effects

**Respiratory or skin sensitization** No information available.

**Mutagenic effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mists containing sulfuric acid" as a known human carcinogen, (IARC category 1). This classification applies only to mists containing sulfuric acid and not to sulfuric acid or sulfuric acid solutions.

**Reproductive Effects** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** Not hazardous.

**Aspiration Hazard** No information available.

**Information on likely routes of exposure** No known significant effects or critical hazards

**Early onset symptoms related to exposure (Immediate effects)** None known

**Delayed health effects from exposure** none known

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Microtox	Waterflea
Phosphoric acid		3 - 3.5: 96 h Gambusia affinis mg/L LC50		4.6: 12 h Daphnia magna mg/L EC50
Sulfuric acid		LC50 42 mg/l 96 h		EC50 42.5 mg/L 48 h

**Persistence and degradability** No information available

<b>Bioaccumulation/Accumulation</b>	No information available.
<b>Mobility</b>	Will likely be mobile in the environment due to its water solubility.
<b>Other adverse effects</b>	No information available
<b>Biodegradation</b>	No information available.

### 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.
<b>Personal precautions</b>	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.

### 14. TRANSPORT INFORMATION

#### Road and Rail transport

<b>UN-No</b>	3264
<b>Proper Shipping Name</b>	Corrosive liquid, acidic, inorganic, n.o.s ( Phosphoric acid, Sulfuric acid )
<b>Technical name</b>	Phosphoric acid, Sulfuric acid
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Environmental hazard</b>	Not regulated
<b>Special Precautions</b>	Not regulated
<b>Hazchem Code</b>	2R

#### IMDG/IMO

<b>UN-No</b>	No information available
<b>Proper shipping name</b>	No information available
<b>Technical name</b>	No information available
<b>Hazard Class</b>	No information available
<b>Packing Group</b>	No information available
<b>IMDG Marine Pollutant</b>	No information available

#### IATA/ICAO

<b>UN-No</b>	No information available
<b>Proper Shipping Name</b>	No information available
<b>Technical name</b>	No information available
<b>Hazard Class</b>	No information available
<b>Packing Group</b>	No information available

### 15. REGULATORY INFORMATION

<b>Safety, health and environmental regulations/legislation specific</b>	No information available
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**for the substance or mixture****Poison Schedule Number** Schedule 6**APVMA Approval Number** 63290

16. OTHER INFORMATION
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Belgium**Preparation Date:** 24-Aug-2015**Revision Date:** 20-Dec-2016**Revision Number:** 3.0**Reason for revision** Classification according to GHS.**Disclaimer**

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**End of SDS**