

SAFETY DATA SHEET

Cidisan

Preparation Date: 24-Aug-2015
Revision Number: 3.1
Date of last revision: 17-Sep-2020

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
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Product Name	Cidisan
Item#:	AUS00011
Recommended use	Acidic cleaner
Uses advised against	Restricted to professional users

Supplier	DeLaval Pty Ltd 1 Global Drive Westmeadows, VIC 3049 Australia Telephone 61-3-8336-7977
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Emergency Telephone Number	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)



Name of hazard pictogram(s) Corrosion

Signal word DANGER

Hazard Statements H314 - Causes severe skin burns and eye damage

Precautionary statements

- 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

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

General Advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Eye contact 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.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician or Poison Control Center immediately.
Ingestion	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 Center immediately.
Effects of overexposure	No information available
Indication of any immediate medical attention and special treatment needed	No information available

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for cleaning up	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

Safe Handling Advice	Avoid contact with skin and eyes. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep away from direct sunlight.

Incompatible products No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits No exposure standard allocated

Chemical name	ES-TWA	ES-STEL	ES-Peak
Phosphoric acid	1 mg/m ³	3 mg/m ³	
Sulfuric acid	1 mg/m ³	3 mg/m ³	

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

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Inhalation	No information available.
Skin contact	No information available.
Ingestion	No information available.

Component Analysis - LD50/LC50

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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Phosphoric acid 7664-38-2	= 1530 mg/kg (Rat)	2730 mg/kg (Rabbit)	850 mg/m ³ (Rat) 1 h
Sulfuric acid 7664-93-9	= 2140 mg/kg (Rat)		85 - 103 mg/m ³ (Rat) 1 h
Water 7732-18-5	> 90 mL/kg (Rat)		
Polyethylene-polypropylene glycol 9003-11-6	= 16 g/kg (Rat) = 5700 mg/kg (Rat)		= 320 mg/m ³ (Rat) 4 h
Alcohols, C9-11, ethoxylated 68439-46-3	> 300 mg/kg (Rat)	> 2 g/kg (Rabbit)	
Acid Red 27 915-67-3	= 6 g/kg (Rat)		

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
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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

Bioaccumulation/Accumulation No information available.

Mobility Will likely be mobile in the environment due to its water solubility.

Other adverse effects No information available

Biodegradation No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Should not be released into the environment. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

Personal precautions 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

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

IMDG/IMO

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

IATA/ICAO

UN-No	No information available
Proper Shipping Name	No information available
Technical name	No information available
Hazard Class	No information available
Packing Group	No information available

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture No information available

Poison Schedule Number Schedule 6

APVMA Approval Number 63290

16. OTHER INFORMATION

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Industriepark-Drongen 10
9031 Gent
Belgium

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Reason for revision 5-Yearly revision (no changes required).

Disclaimer

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End of SDS