

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 01.03.2025

1.1. Product identifier

Product name Chef's Combi Care Stick

Code ACICSTID

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product group Care sticks for combi steamers with automatic cleaning system

Uses advised against Consumer use

Identified uses	Industrial	Professional	Consumer
Descaler	PROC: 7. PC: 35. LCS: PW.	PC: 35. LCS: PW.	

1.3. Details of the supplier of the safety data sheet

Distributor

Company name Hobart Food Equipment

Postal address Unit 1 / 2 Picken Street

Postcode NSW 2128

City Silverwater

Country Australia

Telephone number 02 9714 0200

Website <http://www.hobartfood.com.au>

1.4. Emergency telephone number

Emergency telephone Description: National Poison Information Centre: 13 11 26

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] Eye irritation, category 2; H319 - Causes serious eye irritation.
Skin irritation, category 2; H315 - Causes skin irritation.
Specific target organ toxicity - single exposure, category 3; H335 - May cause respiratory irritation.
Hazardous to the aquatic environment, chronic
Toxicity, category 3; H412 - Harmful to aquatic life with long lasting effects.

CLP classification, comments Classified as Hazardous according to the Globally System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety Regulations Australia.
Classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Substance / mixture hazardous properties For further information, please refer to section 11.

Additional information on classification The information stated in this MSDS, applies for the concentrated product. See Sec. 16, for information regarding recommended user solutions

2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H319 - Causes serious eye irritation. H315 - Causes skin irritation. H335 - May cause respiratory irritation. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements	P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P280 Wear protective gloves / eye protection / face protection. P312 Call a POISON CENTRE / doctor if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P264 Wash the skin thoroughly after use. P273 Avoid release to the environment.
Contains	Citric acid

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0.1%.
The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Sulphamidic acid	INDEX No. 016-026-00-0 EC No. 226-218-8 CAS No. 5329-14-6 REACH Reg. 01-2119488633-28-XXXX	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412	$60 \leq x < 70$
Citric acid	INDEX No. EC No. 201-069-1 CAS No. 77-92-9 REACH Reg. 01-2119457026-42-XXXX	Eye Irrit. 2 H319, STOT SE 3 H335	$30 \leq x < 39$

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact	Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.
Skin contact	Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.
Inhalation	Remove victim to open air. In the event of breathing difficulties, get medical advice/attention immediately.
Ingestion	Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Carbon dioxide, foam, powder or water spray.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

5.3. Advice for firefighters

Personal protective equipment Normal fire fighting clothing i.e. fire kit, gloves and boots in combination with self-contained open circuit positive pressure compressed air breathing apparatus.

Fire fighting procedures Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

Wear suitable protective equipment (for personal protection, see section 8) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

If there are no contraindications, spray powder with water to prevent the formation of dust.

6.2. Environmental precautions

Environmental precautionary measures

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Containment method

Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Cleaning method

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Other instructions

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Specific use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Citric acid

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m ³	ppm	mg/m ³	ppm	
AGW	DEU	2		4		INHAL

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,44	mg/l
Normal value in marine water	0,044	mg/l
Normal value for freshwater sediment	34,6	mg/kg
Normal value for marine water sediment	3,46	mg/kg
Normal value of STP microorganisms	1000	mg/l
Normal value for the terrestrial compartment	33,1	mg/kg

Sulphamidic acid

Predicted no-effect concentration - PNEC

Normal value in fresh water	1,8	mg/l
Normal value in marine water	0,18	mg/l
Normal value for freshwater sediment	8,36	mg/kg
Normal value for marine water sediment	0,84	mg/kg
Normal value of STP microorganisms	20	mg/l
Normal value for the terrestrial compartment	5	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Effects on workers				
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				5 mg/kg/d				
Inhalation				17,4 mg/m ³ 4h				70,5 mg/m ³ 4h
Skin				5 mg/kg bw/d				10 mg/kg bw/d

Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

When choosing risk management measures and operating conditions, consult the exposure scenarios attached. Provide an emergency shower with face and eye wash station.

Eye / face protection

Suitable eye protection

Wear airtight protective goggles

Eye protection, comments

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand protection

Skin- / hand protection, long term contact

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves. Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

Skin protection

Additional skin protection measures

Wear category III professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

Respiratory protection

Respiratory protection necessary at

Use a type P filtering face mask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment.

Appropriate environmental exposure control

Environmental exposure controls

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

For information on controlling environmental exposure, see the exposure scenarios attached to this safety datasheet.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	granular powder	
Colour	white	
Odour	not available	
Melting point / freezing point	not available	
Initial boiling point	not applicable	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	not applicable	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	1.03	Concentration: 3.1%
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1	
Relative vapour density	not available	
Particle characteristics	not available	

9.2. Other information

Comments No data recorded.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The powders are potentially explosive when mixed with air.

10.4. Conditions to avoid

Avoid environmental dust build-up.

10.5. Incompatible materials

No data recorded.

10.6. Hazardous decomposition products

No data recorded.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance

Citric acid
Effect tested: LD50
Route of exposure: Dermal
Value: > 2000 mg/kg
Animal test species: Rat

Effect tested: LD50
Route of exposure: Oral
Value: 5400 mg/kg
Animal test species: Rat

Substance

Sulphamidic acid
Effect tested: LD50
Route of exposure: Dermal
Value: > 2000 mg/kg
Animal test species: Rabbit

Effect tested: LD50
Route of exposure: Oral
Value: 3160 mg/kg
Animal test species: Rat

Other information regarding health hazards

Assessment of acute toxicity, classification	Not classified (no significant component)
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye irritation
Respiratory or skin sensitisation	Does not meet the classification criteria for this hazard class
Germ cell mutagenicity	Does not meet the classification criteria for this hazard class
Carcinogenicity	Does not meet the classification criteria for this hazard class
Reproductive toxicity	Does not meet the classification criteria for this hazard class
STOT - single exposure	May cause respiratory irritation
STOT - repeated exposure	Does not meet the classification criteria for this hazard class
Aspiration hazard	Does not meet the classification criteria for this hazard class

SECTION 12: Ecological information

12.1. Toxicity

This product is dangerous for the environment and the aquatic organisms. In the long term, it has negative effects on the aquatic environment.

Substance	Citric acid LC50 - for Fish 440 mg/l/96h <i>Leuciscus idus melanotus</i> EC50 - for Crustacea 1535 mg/l/48h <i>Daphnia magna</i>
Substance	Sulphamidic acid LC50 - for Fish 70.3 mg/l/96h <i>Pimephales promelas</i> EC50 - for Crustacea 71.6 mg/l/48h <i>Daphnia magna</i> EC50 - for Algae/ Aquatic Plants 48 mg/l/72h <i>Desmodesmus subspicatus</i> Chronic NOEC for Fish > 60 mg/l <i>Danio renio</i> Chronic NOEC for Crustacea 19 mg/l <i>Daphnia magna</i>

12.2. Persistence and degradability

Substance	Sulphamidic acid According to REACH, the study does not need to be conducted if the substance is inorganic (Annex VII, adaptation column 2).
Biodegradability	Information not available
Substance	Citric acid 97%, OCSE 301B, 28d
Biodegradability	Rapidly degradable

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Other adverse effects

Information not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Waste transportation may be subject to ADR restrictions.

Contaminated packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14: Transport information

14.1. UN number

ADR / RID, IMDG, IATA: 2967

14.2. UN proper shipping name

ADR / RID: SULPHAMIC ACID

IMDG: SULPHAMIC ACID

IATA: SULPHAMIC ACID

14.3. Transport hazard class(es)

ADR / RID: Class: 8 Label: 8

IMDG: Class: 8 Label: 8

IATA: Class: 8 Label: 8



14.4. Packing group

ADR / RID, IMDG, IATA: III

HAZCHEM code: 2X

14.5. Environmental hazards

ADR / RID: NO

IMDG: NO

IATA: NO

14.6. Special precautions for user

ADR / RID	HIN - Kempler: 80 Special provision: -	Limited Quantities: 5 kg	Tunnel restriction code: (E)
IMDG	EMS: F-A, S-B Cargo:	Limited Quantities: 5 kg Maximum quantity: 100 kg	
IATA	Passengers: Special provision:	Maximum quantity: 25 kg A803	Packaging instructions: 864 Packaging instructions: 860

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information

Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Other label information	Regulatory information Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). Poisons Schedule S6
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3):

Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity- single exposure, category 3
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H319	Causes serious eye irritation
H315	Causes skin irritation
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects

Use descriptor system:

LCS IS	Use at industrial sites
LCS PW	Widespread use by professional workers
PC 35	Washing and cleaning products
PROC 7	Industrial spraying

Legend:

ADR: European Agreement concerning the carriage of Dangerous goods by Road
 ATE: Acute Toxicity Estimate
 CAS: Chemical Abstract Service Number
 CE50: Effective concentration (required to induce a 50% effect)
 CE: Identifier in ESIS (European archive of existing substances)
 CLP: Regulation (EC) 1272/2008
 DNEL: Derived No Effect Level
 EmS: Emergency Schedule
 GHS: Globally Harmonized System of classification and labeling of chemicals
 IATA DGR: International Air Transport Association Dangerous Goods Regulation
 IC50: Immobilization Concentration 50%
 IMDG: International Maritime Code for dangerous goods
 IMO: International Maritime Organization
 INDEX: Identifier in Annex VI of CLP
 LC50: Lethal Concentration 50%
 LD50: Lethal dose 50%
 OEL: Occupational Exposure Level
 PBT: Persistent bioaccumulative and toxic as REACH Regulation
 PEC: Predicted environmental Concentration
 PEL: Predicted exposure level
 PNEC: Predicted no effect concentration
 REACH: Regulation (EC) 1907/2006
 RID: Regulation concerning the international transport of dangerous goods by train
 TLV: Threshold Limit Value
 TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure
 TWA: Time-weighted average exposure limit
 TWA STEL: Short-term exposure limit
 VOC: Volatile organic Compounds
 vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
 WGK: Water hazard classes (German)

Information added, deleted or revised Globally Harmonised System of classification and labelling of chemicals.
 Nytt HMS-datablad

User notes The company has taken care in compiling this information. The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The company is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

Version 1.1

Comments END OF SDS