

Safety Data Sheet

according to WHS Regulations

Printing date 30.11.2018

Revision: 30.11.2018

1 Identification

Product Name: CITRA-KLENZ THERMO ACID DRY DETERGENT

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Dairy detergent

Details of Manufacturer or Importer:

Dasco Pty Ltd
 24-26 Helen Street,
 Heidelberg Heights VIC 3081

Phone Number: 03 9459 7004

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

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



Skin Corrosion/Irritation 2 H315 Causes skin irritation.

Aquatic Acute 3 H402 Harmful to aquatic life.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Signal Word Danger

Hazard Statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 30.11.2018

Revision: 30.11.2018

Product Name: CITRA-KLENZ THERMO ACID DRY DETERGENT

(Contd. of page 1)

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 5329-14-6	Sulfamic acid ⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; Aquatic Chronic 3, H412	>60%
CAS: 7681-38-1	Sodium hydrogensulphate ⚠ Serious Eye Damage/Irritation 1, H318	10 - <30%
CAS: 84133-50-6	Alcohols, C12-C14-secondary, ethoxylated ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Inhalation) 4, H332; Skin Corrosion/Irritation 2, H315; Aquatic Acute 2, H401	<10%

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal irritation.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog or fine spray.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon, nitrogen and sulphur.

Combustible solid. Contact with strong oxidising agents may cause a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

(Contd. on page 3)

Safety Data Sheet

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Product Name: CITRA-KLENZ THERMO ACID DRY DETERGENT

(Contd. of page 2)

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and sweep granules into a pile and shovel into drums for subsequent disposal. Avoid generating dust. Provide adequate ventilation. Clean spill area with water.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Combustible solid. Contact with strong oxidising agents may cause a fire. Violent reactions may occur in contact with metal nitrates, metal nitrites and fuming nitric acid. Protect from excessive moisture, heat, sparks, open flames and other sources of ignition. Keep away from metals (in the presence of moisture), bases, oxidising agents, nitrates, nitrites and nitric acid.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

When opening the container and preparing solution wear a Class P1 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

When opening the container and preparing solution wear cotton overalls, over normal clothing, buttoned to the neck and wrist and elbow length rubber gloves.

When using the prepared solution wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length rubber gloves.

See Australian/New Zealand Standards AS/NZS 2161 and AS/NZS 4501 for more information.

Eye and Face Protection:

When opening the container and preparing solution wear eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Slightly sticky crystalline powder
Colour:	Pink
Odour:	Slight detergent odour
Odour Threshold:	No information available
pH-Value:	Very acidic.
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available

(Contd. on page 4)

Safety Data Sheet

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Printing date 30.11.2018

Revision: 30.11.2018

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(Contd. of page 3)

Flammability:	Combustible solid.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Soluble
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions:

Hazardous polymerisation will not occur.

Combustible solid. Contact with strong oxidising agents may cause a fire. Violent reactions may occur in contact with metal nitrates, metal nitrites and fuming nitric acid.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** Excessive moisture, heat, sparks, open flames and other sources of ignition.**Incompatible Materials:**

Metals (in the presence of moisture), bases, oxidising agents, nitrates, nitrites and nitric acid.

Hazardous Decomposition Products: Oxides of carbon, nitrogen and sulphur.

11 Toxicological Information

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 5329-14-6 Sulfamic acid**Oral LD₅₀ 3,160 mg/kg (rat)**CAS: 7681-38-1 Sodium hydrogensulphate**Oral LD₅₀ 2,490 mg/kg (rat)**CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylated**Oral LD₅₀ 2,100 mg/kg (rat)**Acute Health Effects****Inhalation:** May cause respiratory irritation.**Skin:** Causes skin irritation.**Eye:** Causes serious eye damage.**Ingestion:** May cause gastrointestinal irritation.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye damage.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

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Revision: 30.11.2018

Product Name: CITRA-KLENZ THERMO ACID DRY DETERGENT

(Contd. of page 4)

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Harmful to aquatic life with long lasting effects.

CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylatedEC₅₀/48 h 3.2 mg/l (daphnia)LC₅₀/96 h 3.2 mg/l (fathead minnow)**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number**ADG, IMDG, IATA**

UN2967

Proper Shipping Name**ADG, IMDG, IATA**

SULPHAMIC ACID

Dangerous Goods Class**ADG Class:**

8 Corrosive substances.

Packing Group:**ADG, IMDG, IATA**

III

EMS Number:

F-A,S-B

Hazchem Code:

2X

Limited Quantities:

5 kg

Packagings & IBCs - Packing Instruction:

P002, IBC08, LP02

Packagings & IBCs - Special Packing Provisions: B3

(Contd. on page 6)

Safety Data Sheet

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Product Name: CITRA-KLENZ THERMO ACID DRY DETERGENT

(Contd. of page 5)

Portable Tanks & Bulk Containers - Instructions: T1**Portable Tanks & Bulk Containers - Special Provisions: TP33**

15 Regulatory Information

Australian Inventory of Chemical Substances:

CAS: 5329-14-6	Sulfamic acid
CAS: 7681-38-1	Sodium hydrogensulphate
CAS: 84133-50-6	Alcohols, C12-C14-secondary, ethoxylated

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 6

16 Other Information

Date of Preparation or Last Revision: 30.11.2018**Prepared by: MSDS.COM.AU Pty Ltd**www.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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