

# Safety Data Sheet

according to WHS Regulations

Printing date 30.09.2021

Revision: 30.09.2021

## 1 Identification

**Product Name:** Sunrise Powder

**Other Means of Identification:** Mixture

**Other Name:** Sulphamic acid mixture containing surfactant

**Recommended Use of the Chemical and Restriction on Use:** Acid 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 Poisons 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).



Skin Corrosion/Irritation 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

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

**Signal Word** Warning

**Hazard Statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P264 Wash 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.

P321 Specific treatment (see on this label).

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

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

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

P337+P313 If eye irritation persists: Get medical advice/attention.

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

## 3 Composition and Information on Ingredients

**Chemical Characterization:** Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

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<b>Hazardous Components:</b>		
CAS: 5329-14-6	Sulfamic acid	>60%
	⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2, H319; Aquatic Chronic 3, H412	

### 4 First Aid Measures

**Inhalation:** If inhaled, remove to fresh air, rest and keep warm. Seek medical attention if 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, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

**Symptoms Caused by Exposure:**

**Inhalation:** May cause respiratory irritation. May cause a burning sensation in the chest, coughing, wheezing, difficulty breathing, headache, nausea, and vomiting. May cause pulmonary oedema.

**Skin Contact:** Causes skin irritation, especially when wet. May cause redness and blisters.

**Eye Contact:** Causes serious eye irritation. May cause redness and blurred vision. May cause permanent eye damage.

**Ingestion:** May cause irritation or burns to the mouth, throat or stomach. May cause abdominal cramps, vomiting, diarrhoea, and shock leading to death.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water fog or fine water spray.

**Specific Hazards Arising from the Chemical:**

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

Product is combustible. Contact with strong oxidising agents may cause fire.

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

Prevent run-off from fire fighting entering drains or water courses.

HAZCHEM Code: 2X

**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.

**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. Decontaminate spill area with detergent and water.

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### 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. Only store in original container. Protect containers from physical damage. Protect from heat, sparks, open flames, hot surfaces, direct sunlight and moisture. Keep away from oxidising agents, nitrates, nitrites, nitric acid, bases and metals.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

Nuisance dust:

TWA: - ppm / 10 mg/m<sup>3</sup>STEL: - ppm / - mg/m<sup>3</sup>

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Rubber or plastic gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing including impervious overalls, plastic apron, sleeves, and boots should be worn when handling industrial quantities (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Slightly sticky, crystalline powder
<b>Colour:</b>	Pink
<b>Odour:</b>	Slight detergent odour
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Very acidic
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	No information available
<b>Flammability:</b>	Combustible solid
<b>Auto-ignition Temperature:</b>	No information available

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<b>Decomposition Temperature:</b>	190 °C
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	No information available
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Soluble in water
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	No information available

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:**

Hazardous polymerisation will not occur.

Corrosive to metals.

Reacts violently with strong bases, oxidising agents, nitrates, nitrites and fuming nitric acid.

Contact with strong oxidising agents may cause fire.

Contact with carbonates or bicarbonates will generate carbon dioxide.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces, direct sunlight and moisture.**Incompatible Materials:** Oxidising agents, nitrates, nitrites, nitric acid, bases and metals.**Hazardous Decomposition Products:**

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

### 11 Toxicological Information

**Toxicity:****LD50/LC50 Values Relevant for Classification:****CAS: 5329-14-6 Sulfamic acid**

Oral	LD50	1312 mg/kg (mouse)
		3160 mg/kg (rat)

**Acute Health Effects****Inhalation:**

May cause respiratory irritation. May cause a burning sensation in the chest, coughing, wheezing, difficulty breathing, headache, nausea, and vomiting. May cause pulmonary oedema.

**Skin:** Causes skin irritation, especially when wet. May cause redness and blisters.**Eye:** Causes serious eye irritation. May cause redness and blurred vision. May cause permanent eye damage.**Ingestion:**

May cause irritation or burns to the mouth, throat or stomach. May cause abdominal cramps, vomiting, diarrhoea, and shock leading to death.

**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**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.

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**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**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:** Repeated or prolonged skin exposure may cause dermatitis.**Existing Conditions Aggravated by Exposure:** Respiratory conditions.**Additional toxicological information:** No information available

### 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:** Harmful to aquatic life with long lasting effects.**Persistence and Degradability:**

This product contains a surfactant that is not considered to be readily biodegradable.

**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

<b>UN Number</b> ADG, IMDG, IATA	UN2967
<b>Proper Shipping Name</b> ADG, IMDG, IATA	SULPHAMIC ACID
<b>Dangerous Goods Class</b> ADG Class: Subsidiary Risk:	8 Corrosive substances.
<b>Packing Group:</b> ADG, IMDG, IATA	III
<b>Marine pollutant:</b>	
<b>EMS Number:</b>	F-A,S-B
<b>Hazchem Code:</b>	2X
<b>Special Provisions:</b>	Not applicable
<b>Limited Quantities:</b>	5 kg
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P002, IBC08, LP02

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**Packagings & IBCs - Special Packing Provisions: B3****Portable Tanks & Bulk Containers - Instructions: T1****Portable Tanks & Bulk Containers - Special Provisions: TP33**

### 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:**

All components are on the inventory, or in compliance with the inventory.

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

Poisons Schedule: 6

### 16 Other Information

**Date of Preparation or Last Revision:** 30.09.2021**Last Revision of MSDS:** 01.09.2009**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://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 percent

LD50: 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)

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

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

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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

**Data altered compared to the previous version:**

Section 1: Product Name; Section 5: Specific Hazards Arising from the Chemical; Section 7: Precautions for Safe Handling; Section 8: Skin Protection; Section 9: Viscosity; Section 15: Australian Inventory of Industrial Chemicals.

**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 - July 2020"

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