

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Alganol Powder

Manufacturer: ADP

SDS Expiry: 28 January 2024

Supplier Details: Henry Schein New Zealand  
23 William Pickering Drive, Albany  
PO Box 101 140, North Shore, Auckland 0745  
Ph. 0800 808 855  
[www.henryschein.co.nz](http://www.henryschein.co.nz)

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –  
0800POISON/0800764766 (24 Hours)  
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 9

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020  
HSR002558

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared - October 2023

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

SAFETY DATA SHEET

Zonalin, Alganol Powder

Page: 1

Compilation date: 28/01/2019\*

Revision No: 2\*

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

1.1. Product identifier

Product name: Zonalin / Alganol  
CAS number: 1314-13-2  
EINECS number: 215-222-5  
Index number: 030-013-00-7  
Synonyms: Accelerated Zinc Oxide

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

1.3. Details of the supplier of the safety data sheet

Company name: Associated Dental Products Ltd  
Purton  
Swindon  
SN5 4HT  
UK  
Tel: 01793 770256  
Email: [quality@Kemdent.co.uk](mailto:quality@Kemdent.co.uk)

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Acute 1: H400; Aquatic Chronic 1: H410

Most important adverse effects: Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS09: Environmental



Signal words: Warning

Precautionary statements: P260: Do not breathe dust.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P314: Get medical attention if you feel unwell\*  
P391: Collect spillage.

[cont...]

# SAFETY DATA SHEET

## Zonalin, Alganol Powder

Page: 2

### 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

Chemical identity: **Zonalin /  
Alganol Powder**

CAS number: 1314-13-2

EINECS number: 215-222-5

Contains: **Zinc acetate; CAS 557-34-6\*; H400;H410;H302;H319**

**Less than 1% w/w**

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be vomiting. There may be soreness and redness of the mouth and throat.

**Inhalation:** Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** There may be vomiting and diarrhoea.

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

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

### 5.2. Special hazards arising from the substance or mixture

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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## SAFETY DATA SHEET

### Zonalin, Alganol Powder

Page: 3

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: **Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.**

#### 6.2. Environmental precautions

Environmental precautions: **Do not discharge into drains or rivers. Contain the spillage using bunding.**

#### 6.3. Methods and material for containment and cleaning up

Clean-up procedures: **Transfer to a closable, labelled salvage container for disposal by an appropriate method.**

#### 6.4. Reference to other sections

Reference to other sections: **Refer to section 13 of SDS.**

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling requirements: **Ensure there is exhaust ventilation of the area. Avoid the formation or spread of dust in the air.**

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: **Store in a cool, well ventilated area.**

#### 7.3. Specific end use(s)

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

Workplace exposure limits: **No data available.**

#### DNEL/PNEC Values

DNEL / PNEC **No data available.**

#### 8.2. Exposure controls

Engineering measures: **Ensure there is exhaust ventilation of the area.**

Respiratory protection: **Respiratory protective device with particle filter.**

Hand protection: **Protective gloves.**

Eye protection: **Safety glasses with side-shields.**

Skin protection: **Protective clothing.**

Environmental: **Prevent from entering in public sewers or the immediate environment.**

### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

State: **Solid**

Colour: **White**

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## SAFETY DATA SHEET

Zonalin, Alganol Powder

Page: 4

## 9.2. Other information

Other information: **No data available.**

## Section 10: Stability and reactivity

## 10.1. Reactivity

## 10.2. Chemical stability

Reactivity: **Stable under recommended transport or storage conditions.**Chemical stability: **Stable under normal conditions.**

## 10.3. Possibility of hazardous reactions

Hazardous reactions: **Hazardous reactions will not occur under normal transport or storage conditions.****Decomposition may occur on exposure to conditions or materials listed below.**

## 10.4. Conditions to avoid

Conditions to avoid: **Heat.**

## 10.5. Incompatible materials

Materials to avoid: **Oxidising agents.**

## 10.6. Hazardous decomposition products

Haz. decomp. products: **In combustion emits toxic fumes.**

## Section 11: Toxicological information

## 11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	MUS	LD50	For Zinc oxide;7950,	mg/kg

## Symptoms / routes of exposure

Skin contact: **There may be mild irritation at the site of contact.**Eye contact: **There may be irritation and redness.**Ingestion: **There may be vomiting. There may be soreness and redness of the mouth and throat.**Inhalation: **Exposure may cause coughing or wheezing.**Delayed / immediate effects: **There may be vomiting and diarrhoea.**

## Section 12: Ecological information

## 12.1. Toxicity

[cont...]

## SAFETY DATA SHEET

Zonalin, Alganol Powder

Page: 5

Ecotoxicity values:

Species	Test	Value	Units
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	For Zinc oxide; 1.1	mg/l

## 12.2. Persistence and degradability

Persistence and degradability: No data available.

## 12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

## 12.4. Mobility in soil

Mobility: No data available.

## 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

Other adverse effects: Very toxic to aquatic organisms.

## Section 13: Disposal considerations

## 13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

## 14.1. UN number

UN number: UN3077

## 14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Zinc oxide mixture)

## 14.3. Transport hazard class(es)

## 14.4. Packing group

Transport class: 9

Packing group: III

## 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

[cont...]

SAFETY DATA SHEET

Zonalin, Alganol Powder

Page: 6

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.