

## Safety Data Sheet in accordance with HSNO

Printing Date: 29.11.2024

Version Number: 1.0

Revision Date: 29.11.2024

### 1 Identification of the substance or mixture and of the supplier

**Product identifier:**Trade name: *Force 10,000 DA*

Relevant identified uses of the substance or mixture, and uses advised against: No further relevant information available.

Relevant identified uses of the substance or mixture: Concrete Admixtures

Identified uses advised against: No further relevant information available.

**Details of the supplier of the safety data sheet:****Manufacturer/supplier:**

GCP Australia Pty. Ltd.  
14 Colebard Street West  
Archerfield, Queensland 4108  
Australia

Tel. +61 7-3275-7500

Fax +61 7-3275-7501

**Further information obtainable from:**

Tel. +61 7-3275-7500

Fax +61 7-3275-7501

APMSDS@gcpat.com

**Emergency telephone number:**

CHEMWATCH - 00 800 2436 2255 (free call)

National Poison Centre - 0800 764-766 (0800 POISON)

### 2 Hazards identification

**Classification of the substance or mixture:**

Carc. 1A H350 May cause cancer. Route of exposure: Inhalation.

**Additional information:**

GENERAL GUIDELINES for HANDLING CHEMICAL PRODUCTS

- Inhalation of dust may cause respiratory irritation resulting in coughing, sneezing and other nuisance symptoms.
- Eye contact may cause slight physical or mechanical irritation.
- Prolonged or repeated use may cause skin irritation and dryness.
- Read and understand all Health and Safety information on the product Label and Material Safety Data Sheet before use.

**Label elements:****GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS08

**Signal word** Danger**Hazard-determining components of labelling:**Quartz (SiO<sub>2</sub>)

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**Trade name: *Force 10,000 DA***

(Contd. of page 1)

**Hazard statements**

May cause cancer. Route of exposure: Inhalation.

**Precautionary statements**

- Avoid creating dust.
- Equip mixers and hoppers with dust covers.
- Provide ventilation and respiratory protection.
- Avoid contact with skin and eyes.
- Wear skin and eye protection to avoid contact with dust.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

IF exposed or concerned: Get medical advice/attention.

Store locked up.

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

**Additional information:** Avoid breathing dust**Information concerning particular hazards for human and environment:****Description of Classification:**

Classified as Hazardous Substance according to the criteria of the New Zealand Hazardous Substance New Organisms legislation.

**HSNO Group Standard :** Construction Products (Subsidiary Hazard) Group Standard 2017**HSNO Approval Number :** HSR002544**Other hazards:****Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.

### 3 Composition/Information on ingredients

**Chemical characterization: Mixture:****Description:** Mixture of substances listed below with non-hazardous additions.**Dangerous components:**

69012-64-2	Silica, fume		50-<100%
14808-60-7	Quartz (SiO <sub>2</sub> )	Carc. 1A, H350; Specific target organ toxicity - repeated exposure Category 1, H372	0.1-<1%

### 4 First aid measures

**General information:** Get medical advice/attention if you feel unwell.**After skin contact:** Immediately rinse with water.**After eye contact:** Rinse cautiously with water for several minutes.**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

**Information for doctor:****Most important symptoms and effects, both acute and delayed:** No further relevant information available.**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

NZ  
(Contd. on page 3)

## Safety Data Sheet in accordance with HSNO

Printing Date: 29.11.2024

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**Trade name:** *Force 10,000 DA*

(Contd. of page 2)

### 5 Fire fighting measures

**Special hazards arising from the substance or mixture:** No further relevant information available.

**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

### 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

**Methods and material for containment and cleaning up:** Send for recovery or disposal in suitable receptacles.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and storage

#### HANDLING

**Precautions for safe handling:**

Open and handle receptacle with care.

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

**FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.**

Store in a well-ventilated place. Keep container tightly closed.

Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:** No special measures required.

#### STORAGE

**Information about storage in one common storage facility:** Keep respiratory protective device available.

**Further information about storage conditions:**

Store in a dry place.

Keep cool.

**Specific end use(s):** No further relevant information available.

### 8 Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see section 7.

**Ingredients with limit values that require monitoring at the workplace:**

69012-64-2 Silica, fume

WES (New Zealand)	Long-term value: 2 mg/m <sup>3</sup> respirable dust
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(Contd. on page 4)

NZ

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Printing Date: 29.11.2024

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Revision Date: 29.11.2024

**Trade name:** *Force 10,000 DA*

(Contd. of page 3)

### 14808-60-7 Quartz (SiO<sub>2</sub>)

WES (New Zealand)	Long-term value: 0.2 mg/m <sup>3</sup> confirmed carcinogen; respirable dust
WES (Australia)	Long-term value: 0.05 mg/m <sup>3</sup> respirable dust

**Additional information:** Based on the lists valid at the date of SDS creation.

### Exposure controls:

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, eg. by isolating personnel from dusty areas. Remove and wash soiled clothing.

### PERSONAL PROTECTIVE EQUIPMENT

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

#### Respiratory protection:

Use an approved (NIOSH N95) dust respirator when airborne dust is expected. If the exposure limit is exceeded, a full facepiece particulate respirator (NIOSH filters N100) is required.

**Protection of hands:** Protective gloves.

**Material of gloves:** PVC gloves

#### Eye protection:



Safety glasses with side shield protection.

Hermetically sealed safety goggles

#### Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

## 9 Physical and chemical properties

### GENERAL INFORMATION

**Appearance:**

**Form:**

Powder.

**Colour:**

According to product specification.

**Odour:**

Characteristic.

**Odour threshold:**

Not determined.

**pH-value (~):**

Not applicable.

**Change in conditions:-**

**Melting point/freezing point:**

1,700 °C

**Initial boiling point and boiling range:**

Not determined.

**Flash point:**

Not applicable.

**Flammability (solid, gas):**

Not determined.

**Auto-ignition temperature:**

Not determined.

**Decomposition temperature:**

Not determined.

**Ignition temperature:**

Not determined.

**Explosive properties:**

Product does not present an explosion hazard.

**Upper:**

Not determined.

**Vapour pressure:**

Not applicable.

**Density:**

Not determined.

(Contd. on page 5)

NZ

## Safety Data Sheet in accordance with HSNO

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(Contd. of page 4)

**Vapour density:** Not determined.

**Solubility in/Miscibility with:-**

**Water:** Insoluble.

**Partition coefficient: n-octanol/water:** Not determined.

### VISCOSITY

**Dynamic:** Not applicable.

**Kinematic:** Not applicable.

**Molecular weight** Not determined.

**Other information:** No further relevant information available.

## 10 Stability and reactivity

### Reactivity:

Stable under normal conditions.

No further relevant information available.

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

### Possibility of hazardous reactions

No dangerous reactions known.

No further relevant information available.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

### Information on toxicological effects:

**ACUTE TOXICITY** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** May cause cancer. Route of exposure: Inhalation.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Additional toxicological information:** May cause cancer. Route of exposure: Inhalation.

## 12 Ecological information

### Toxicity:

**AQUATIC TOXICITY** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

(Contd. on page 6)

-NZ-

## Safety Data Sheet in accordance with HSNO

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**Trade name:** *Force 10,000 DA*

(Contd. of page 5)

### BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

### ADDITIONAL ECOLOGICAL INFORMATION

**General notes:** Not known to be hazardous to water.

### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 13 Disposal considerations

### Waste treatment methods:

**Recommendation:**



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### UNCLEANED PACKAGING

**Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

<b>UN-Number</b> NZS, IMDG, IATA	Not Regulated
<b>UN proper shipping name</b> NZS, IMDG, IATA	Not Regulated
<b>Transport hazard class(es)</b> NZS, ADN, IMDG, IATA Class	Not Regulated
<b>Packing group</b> NZS, IMDG, IATA	Not Regulated
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user:</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not Regulated
<b>UN "Model Regulation":</b>	Not Regulated

## 15 Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture:

See Section 2 for hazard identification.

**HSNO Group Standard** Construction Products (Subsidiary Hazard) Group Standard 2017

(Contd. on page 7)

NZ

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(Contd. of page 6)

**HSNO Approval Number** HSR002544

**HSNO Approval numbers**

14808-60-7	Quartz (SiO <sub>2</sub> )	HSR002545
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**Registered in the international inventory lists:** NZIoC (New Zealand)

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:**

EHS Department,

Asia Pacific Region

GCP Applied Technologies Operations Center, Inc.,

CTP Asean Tower, Upper Penthouse, Unit 1,

2397 Asean Drive, Spectrum District, Filinvest Alabang, 1781,

Muntinlupa City, Philippines

Tel: + 63 2 8271 2300

**The first date of preparation:** 24.11.2022

**Number of revision times and the latest revision date:** 1.0 / 29.11.2024

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