

Safety Data Sheet according to WHS Regulations

Printing Date: 06.10.2022

Version Number: 1.0

Revision Date: 06.10.2022

1 Identification

Product identifier:Trade name: ***DAREX® GROUT FLUIDIFIER*****Relevant identified uses of the substance or mixture, and uses advised against:**

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**Further information obtainable from:**Tel. +61 7-3275-7500
Fax +61 7-3275-7501

APMSDS@gcpat.com

Emergency telephone number: After hours - Tel. No. 1800 039 008 (AU) or +61 7-3275-7500

2 Hazard(s) Identification

Classification of the substance or mixture:

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

STOT RE 2 H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

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:**Cristobalite
Quartz (SiO₂)**Hazard statements**

May cause cancer. Route of exposure: Inhalation.

May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

Precautionary statements

Obtain special instructions before use.

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

Do not breathe dust/fume/gas/mist/vapours/spray.

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

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Store locked up.

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

Additional information: Avoid breathing dust

Safety Data Sheet
according to WHS Regulations

Printing Date: 06.10.2022

Version Number: 1.0

Revision Date: 06.10.2022

Trade name: DAREX® GROUT FLUIDIFIER

(Contd. of page 1)

Information concerning particular hazards for human and environment:

Description of Classification: Classified as hazardous according to the criteria of Safe Work Australia.

Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

3 Composition and Information on Ingredients

Chemical characterization: Mixture:

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components:

14464-46-1	Cristobalite	Carc. 1A, H350i; STOT RE 1, H372	5-<10%
14808-60-7	Quartz (SiO ₂)	Carc. 1A, H350; STOT RE 1, H372	3-<5%

Additional information:

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication 'List of Designated Hazardous Substances' or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication 'Approved Criteria for Classifying Hazardous Substances'.

4 First Aid Measures

Description of first aid measures:

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

Call for a doctor immediately.

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.

5 Fire Fighting Measures

Special hazards arising from the substance or mixture:

During heating or in case of fire poisonous gases are produced.

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.

(Contd. on page 3)

-AU

Safety Data Sheet
according to WHS Regulations

Printing Date: 06.10.2022

Version Number: 1.0

Revision Date: 06.10.2022

Trade name: DAREX® GROUT FLUIDIFIER

(Contd. of page 2)

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:**

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.**Conditions for safe storage, including any incompatibilities:****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 and personal protection****Additional information about design of technical facilities:** No further data; see item 7.**Control parameters:****Ingredients with limit values that require monitoring at the workplace:****14464-46-1 Cristobalite**

WES (Australia)	Long-term value: 0.05 mg/m ³ respirable dust
PEL (USA)	Long-term value: 0.05* mg/m ³ *resp. dust; ½ value from resp.dust formulae Quartz
REL (USA)	Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m ³ *respirable particulate matter, A2

14808-60-7 Quartz (SiO₂)

WES (Australia)	Long-term value: 0.05 mg/m ³ respirable dust
WEL (Great Britain)	Long-term value: 0.1 mg/m ³
PEL (USA)	Long-term value: 0.05* mg/m ³ *resp. dust; 30mg/m ³ /%SiO ₂ +2
REL (USA)	Long-term value: 0.05* mg/m ³ *respirable dust
TLV (USA)	Long-term value: 0.025* mg/m ³ *respirable particulate matter, A2

Additional information: Based on the lists valid at the date of SDS creation.**Exposure controls:****PERSONAL PROTECTIVE EQUIPMENT****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

(Contd. on page 4)

AU

Safety Data Sheet according to WHS Regulations

Printing Date: 06.10.2022

Version Number: 1.0

Revision Date: 06.10.2022

Trade name: DAREX® GROUT FLUIDIFIER

(Contd. of page 3)

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves.

Material of gloves: PVC gloves.

Eye protection:


Safety glasses with side shield protection.

Tightly sealed goggles.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing and wash before reuse.

9 Physical and Chemical Properties

Information on basic physical and chemical properties:
GENERAL INFORMATION
Appearance:

Form:	Powder.
Colour:	Light brown
Odour:	Characteristic.
Odour threshold:	Not determined.

pH-value (~): Not applicable.

Change in conditions:-

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Not determined.
Flash point:	Not applicable.

Flammability (solid, gas): Not determined.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

EXPLOSION LIMITS

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure: Not applicable.

Density: Not determined.

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.

(Contd. on page 5)

AU

Safety Data Sheet
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Revision Date: 06.10.2022

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(Contd. of page 4)

Other information: No further relevant information available.

10 Stability and Reactivity

Reactivity:

Stable under normal conditions.
No further relevant information available.

Chemical stability:

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

Primary irritant effect

Skin corrosion/irritation No irritating effect.

Serious eye damage/irritation No irritating effect.

Ingestion: May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

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

Other information :

The product was classified according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological Information

Toxicity:

AQUATIC TOXICITY No further relevant information available.

Persistence and degradability: No further relevant information available.

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.

Other adverse effects: No further relevant information available.

AU
(Contd. on page 6)

Safety Data Sheet
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(Contd. of page 5)

13 Disposal considerations

Waste treatment methods:

Recommendation:



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

Refer to State Land Waste Authority for disposal considerations.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

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

15 Regulatory information

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

See Section 2 for hazard identification.

Australia: Priority Existing Chemicals

None of the ingredients is listed.

National regulations:

Other regulations, limitations and prohibitive regulations: All ingredients are listed on AICS.

Registered in the international inventory lists: AICS (Australia)

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.

Relevant phrases:

H350 May cause cancer.

H350i May cause cancer by inhalation.

H372 Causes damage to organs through prolonged or repeated exposure.

(Contd. on page 7)

AU

Safety Data Sheet
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Trade name: DAREX® GROUT FLUIDIFIER

(Contd. of page 6)

Department issuing SDS:

EHS Department,
Asia Pacific Region
SCIP, Canlubang, Calamba City, Laguna
Philippines 4028
Tel: +63 (02) 8236-6820 to 24

Other Information:

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Contact:

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