
G2G-CARE™ SAFETY DATA SHEET

Issued: 12/08/2010 Revision No: 02

7 Pages

According to the Commission Regulation (EU) No 453/2010 Annex II of REACH Regulation

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1.1 Product Identifier

G2G-Care

1.2 Relevant identified uses of the mixture and of the company

Evaporator Coil Cleaner and Disinfectant

1.3 Details of the supplier of the safety data sheet

DiversiTech UK Limited
Glaisdale Drive East, Nottingham, NG8 4LY United Kingdom
Phone: +44 115 900 5858

1.4 Emergency telephone number

Emergency tel:

+1 813 248 0585 24 Hours, 7 Emergency Days, Chem-Tel, Inc.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the mixture

Classification under CHIP:	[Xi]; R36/38
Directive 1999/45/EC:	This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

PHYSICOCHEMICAL HAZARDS:

Incompatible with strong oxidisers and heat.

HUMAN HEALTH:

Swallowing may cause temporary discomfort, nausea, vomiting and diarrhoea. Contact with skin may cause irritation in sensitive individuals. Causes irritation of eyes on contact.

ENVIRONMENT:

This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment.

Please see Section 16 for full classification.

2.2 Label elements



Irritant

RISK PHRASES

R36/38: Irritating to eyes and skin.

SAFETY PHRASES

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60: This material and its container must be disposed of as hazardous waste.

2.3 Other hazards

WORKPLACE EXPOSURE LIMIT:	This product does not have a workplace exposure limit.
PBT:	This substance is not identified as a PBT substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	EC No	CAS No.	CONTENT %	CLASSIFICATION
Sodium silicate	215-687-4	1344-09-8	< 1	C; R35; Xn; R22
2-butoxy ethanol	203-905-0	111-76-2	1-5	Xi; R36
Alkylaryl polyether alcohol			< 1	
Alkyl dimethylbenzyl ammonium chloride	270-325-2	68424-85-1	< 1	Xn; R21/22; C,R34, N;R50

The full text for all R-Phrases are Displayed in Section 16

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures

Skin contact - Immediately flush skin with plenty of water for at least 15 minutes . Remove all contaminated clothes and footwear immediately unless stuck to skin. Get medical attention immediately. Wash clothing before reuse.

Eye contact - Immediately flush eyes with plenty of water for 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention.

Ingestion - Do not induce vomiting. Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Inhalation - Remove to fresh air. If not breathing give artificial respiration. If breathing becomes laboured, give oxygen. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

If the product contact the eye, skin or is ingested symptoms will develop.

4.3 Indication of any immediate attention and special treatment needed

Medical attention is required immediately for all exposure.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the substance or mixture

Will not explode. May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire.

5.3 Advice for fire-fighters

In the event of a fire, wear full protective clothing and approved self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Refer to section 8 of SDS for personal protection details.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Method for cleaning up

Uncontaminated product may be recovered and used as directed. Product contaminated with hazardous material should be dealt with on the basis of the hazardous component (s).

6.4 Reference to other sections

Please refer to Section 8 for details on protective wear. Refer to section 13 of SDS for suitable method of disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe all warnings and precautions listed for the product. Protect from physical damage. Wash thoroughly after handling.

7.2 Condition for safe storage, including any incompatibilities

Keep in a tightly closed container. Store in a cool dry ventilated area away from sources of extreme heat moisture and incompatibilities. Keep this and all chemicals out of the reach of children.

7.3 Specific end use(s)

No further details

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

INGREDIENT	CAS No.	LT ppm	LT mg/m ³	ST ppm	ST mg/m ³

2-Butoxyethanol	111-76-2	25 ppm	50 ppm
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8.2 Exposure controls

A system of local and/or general exhaust is recommended to maintain fresh air.

Eye/face protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eyewash fountain and quick-drench facilities or a source of running water in the work area.

Skin protection:

Hand protection: Protective gloves. Wash hands after handling this material and before eating or smoking.

Other: Wear impervious gloves to minimize prolonged skin contact.

Respiratory protection: Not required during normal use.

Thermal hazards: Not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Blue liquid
Odour:	Slight glycol ether odour.
Odour threshold:	n.a.
pH:	11 – 12
Melting point/freezing point:	~0 °C
Initial boiling point and boiling range:	102 °C
Flash point:	n.a.
Evaporation rate:	n.a.
Flammability limits %:	n.a.
Vapour pressure:	n.a.
Vapour density	n.a.
Relative density:	n.a.
Solubility:	n.a.
Partition Coefficient: n-octanol/water:	n.a.
Auto-ignition temperature:	n.a.
Decomposition temperature:	n.a.
Viscosity:	n.a.
Explosive properties:	n.a.
Oxidising properties:	n.a.

9.2 Other information

No further details

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

May evolve carbon monoxide, carbon dioxide and other unidentified fragments if this product is involved in a fire.

10.4 Conditions to avoid

Heat. Incompatibles

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide and other unidentified fragments if this product is involved in a fire.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity: Not expected to be acutely toxic based on the individual components.

Irritation: Contact with skin may cause irritation in sensitive individuals. Eye contact causes irritation. Swallowing may cause temporary discomfort, nausea, vomiting and diarrhoea

Corrosivity: No effect corrosive

Sensitisation: Not expected to be a sensitiser

Repeated dose toxicity: Not expected to be of concerns

Carcinogenicity: Not expected to be carcinogenic.

Mutagenicity: Not expected to be mutagenic

Toxicity for reproduction: No expected to be toxic for reproduction

Route of Exposure: Skin contact

Symptoms related to the physical, chemical and toxicological characteristics: Prolonged contact with skin may cause temporary irritation. Swallowing may cause temporary discomfort, nausea, vomiting and diarrhoea.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

This product is not expected to be of ecotoxicological concern.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No negative effects on the aquatic environment are known.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6 Other adverse effects

No further details.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations - Dispose of spill-clean up and other wastes in accordance with national and local regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change waste management options. State and local disposal regulations may differ from federal disposal regulations.

Disposal of packaging - Dispose of container and unused contents in accordance with national and local requirements.

Please follow all local, regional, national and international laws.

SECTION 14: TRANSPORT INFORMATION

Not regulated

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not Environmentally Hazardous Substance or Marine Pollutant

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

According to CHIP

Hazard symbols: Irritant



Risk phrases

R36/38: Irritating to eyes and skin.

Safety Phrases

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60: This material and its container must be disposed of as hazardous waste.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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15.2 Chemical safety assessment

A chemical safety assessment has not been conducted.

SECTION 16: OTHER INFORMATION

Other information

This safety data sheet is prepared in accordance with Regulation (EC) No 453/2010.

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

Risk phrases used in Section 3

R21/22: Harmful in contact with skin and harmful if swallowed

R34: Causes burns.

R35: Causes severe burns

R36: Irritating to eyes

R50: Very toxic to aquatic organisms

Abbreviations:

UN Model Regulations means the Model Regulations annexed to the most recently revised edition of the Recommendations on the Transport of Dangerous Goods published by the United Nations.

IMDG Code means the International Maritime Dangerous Goods code, as amended.

ADR means the European Agreement concerning the International Carriage of Dangerous Goods by Road, as amended.

RID means the Regulations concerning the International Carriage of Dangerous Goods by Rail, as amended.

Sources of Key Data:

UK Regulatory References: The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

EU Directives: Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Approved Code of Practice: Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

National Regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

Classification and Labelling Guidance: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 2

Precautionary Statement and Pictograms: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 3

Guidance on the Preparation of Safety Data Sheets: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 4

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