

SDS G2G-Coil+
Issue 1, Version 21 Revised 30 August 2017

Total Pages: 5

G2G-Coil+

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

G2G-Coil+

1.2 Relevant identified uses of the mixture and uses advised against

Alkaline Based Evaporator Coil Cleaner

1.3 Details of the supplier of the safety data sheet

Manufactured by (USA): DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA 30097

Manufactured for (UK): Pump House
Glaisdale Drive East
Nottingham
NG8 4LY
United Kingdom
Tel: +44 1159005858
Fax: +44 1159294468
Email: www.pumph.co.uk.com

1.4 Emergency telephone number

Emergency tel: 001 +1813 248 0585, 24 Hours, 7 Emergency Days, Chem-Tel, Inc.

SECTION 2. HAZARDOUS IDENTIFICATION

2.1 Classification of the mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

GHS Classification:

Skin Irritation Category 3
Eye Irritation Category 2B

2.2 Label Elements:

The preparation is not considered dangerous and does not warrant any classification according to Regulation (EC) No 1272/2008 (CLP).

Signal Word: Warning

Hazard Statement(s)

H316 Causes mild skin irritation.
H320 Causes eye irritation.

Precautionary Statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash thoroughly after handling.
P332 + 313 If skin irritation occurs: Get medical attention.
P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + 313 If eye irritation persists: Get medical attention.

2.3 Other hazards

PBT: This product does not contain substances identified as PBT or vPVB.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

INGREDIENT	CAS No.	EINECS No.	% or Range
Water	7732-18-5	231-791-2	90-95
Proprietary mixture of non-toxic surfactants	Not required	Not required	5-10

3.2 Mixtures

No further information

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. If irritation develops or persists, get medical attention. Wash clothing before reuse.

Eye contact - Immediately flush eyes with plenty of water for 15 minutes, lifting lower and upper eyelids occasionally. If relevant, remove contact lenses. Get medical attention immediately after administering first aid.

Ingestion - Do not induce vomiting. Get medical attention immediately.

Inhalation - Remove casualty from exposure ensuring one's own safety whilst doing so. If not breathing give artificial respiration. If breathing becomes laboured, give oxygen. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

When ingested, symptoms include temporary discomfort, nausea, vomiting and diarrhoea.

4.3 Indication of any immediate attention and special treatment needed

Medical attention is required immediately if ingested.

SECTION 5. FIREFIGHTING 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

Non-flammable. 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

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Method for cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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

Wash hands after handling. Wash clothing after handling.

7.2 Condition for safe storage, including any incompatibilities

Keep container tightly closed. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of extreme heat moisture and incompatibilities.

7.3 Specific end use(s)

No further details

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Not relevant.

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 eye wash fountain and quick-drench facilities or a source of running water in the work area.

Skin protection:

Hand protection: Use impermeable gloves to minimise prolonged skin contact. Wash hands after handling this material and before eating or smoking.

Other: No specific requirement.

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:	Dark blue liquid
Odour:	Soap-like odour
Odour threshold:	No data available
pH:	7.5 – 9.5
Melting point/freezing point:	-1 °C
Initial boiling point and boiling range:	104 °C
Flash point:	No data available
Evaporation rate:	(Water = 1) > 1
Flammability limits %	No data available
Vapour pressure:	Same as water
Vapour density	Same as water
Relative density:	1.05
Solubility:	Miscible in water
Partition Coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

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

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. During combustion other unidentified fragments may be emitted.

10.4 Conditions to Avoid

Heat. Incompatibles

10.5 Incompatible Materials

Strong oxidising agents. Strong acids.

10.6 Hazardous Decomposition Products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. During combustion other unidentified fragments may be emitted.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

11.1.1 Acute Toxicity: No acute effects expected. Swallowing may cause temporary discomfort, nausea, vomiting and diarrhoea.

11.1.2 Irritation: Contact with skin may cause irritation in sensitive individuals. Eye contact causes irritation and redness.

11.1.3 Corrosive: Not corrosive.

11.1.4 Sensitisation: Not expected to be a sensitizer

11.1.5 Repeated dose toxicity: Not expected to be of concerns.

11.1.6 Carcinogenicity: Not expected to be carcinogenic.

11.1.7 Mutagenicity: Not expected to be mutagenic.

11.1.8 Toxicity for reproduction: Not expected to be toxic for reproduction.

11.1.9 Route of exposure: Skin Contact

Symptoms related to the physical, chemical and toxicological characteristics: 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

Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6 Other adverse effects

Negligible ecotoxicity

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations - 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.

Disposal of packaging - Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility.

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

SECTION 14. TRANSPORTATION INFORMATION

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

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SECTION 15. REGULATORY INFORMATION

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

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.

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 1272/2008 (CLP).

Revision Summary: All Sections: New GHS Format

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.

ADN means the European Agreement concerning the International Transport of Dangerous Goods by Inland Waterways, as amended.

Sources of Key Data:

UK Regulatory References: The Control of Substances Hazardous to Health Regulations 2002 (as amended 2004). European Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

Approved Code of Practice: Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Workplace Exposure Limits EH40.

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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