

G2G Care

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name:

G2G-Care

1.2 Relevant identified uses of mixtures:

Evaporator Coil cleaner and disinfectant.

1.3 Supplier information:

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: 001 813 248 0585 24 Hours, 7 Days, Chem-Tel, Inc.

SECTION 2. HAZARDOUS IDENTIFICATION

2.1 Classification of the mixture:

Skin Irritation Category 3

Eye Irritation Category 2B

2.2 Label Elements:

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 substance is not identified as a PBT substance.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

INGREDIENT	CAS No.	EINECS No.	% Or Range	GHS Classification	
Sodium silicate	215-687-4	1344-09-8	< 1	H314: Causes severe eye damage H335: May cause respiratory irrit.	Category 1B Category 3
EDTA Tetrasodium salt	64-02-8		< 1	H315 Causes skin irrit. H319: Causes serious eye irrit.	Category 2 Category 2A
Alkyl dimethylbenzyl ammonium chloride	270-325-2	68424-85-1	< 1	H226: Flammable liquid and vapour H314: Causes severe eye damage	Category 3 Category 1B

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SECTION 4. FIRST AID

4.1 Description of first aid measures

Skin contact - Wash skin with soap and water for at least 15 minutes if irritation develops or persists, get medical attention.
Eye contact - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing of water for 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention.
Ingestion - Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Call the nearest poison centre for medical advice.
Inhalation - Remove casually from exposure ensuring one's own safety whilst doing so. If not breathing give artificial respiration. 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. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea and possibly death. Mists can irritate throat and respiratory tract. Symptoms may include headaches, dizziness and drowsiness.

4.3 Indication of any immediate attention and special treatment needed

Medical attention is required immediately for all exposure.

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

Will not explode. Irritating and toxic gases or fumes may be released during 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. Keep unnecessary and unprotected people away from area of spill. Cleanup personnel must be equipped with personal protective gear. Remove contaminated clothing immediately.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain and recover liquid when possible.

6.3 Methods and material for containment and cleaning up

Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.4 Reference to other sections

Please refer to Section 8 for details on protective wear.

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 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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

No data available

8.2 Exposure Controls

Ensure there is sufficient ventilation of the area. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (cont.)

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

Other: Impermeable protective clothing.

Respiratory Protection: None required for normal use.

Thermal Hazards: Not relevant

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Blue liquid
Odor:	Slight glycol ether odour
Odor Threshold:	No data available
pH:	11-12
Melting Point/freezing point:	0 °C
Boiling Point and boiling range:	100 °C
Flash Point:	No data available
Evaporation Rate:	-1
Flammable Limits:	No data available
Relative Density:	1.03
Solubility:	Miscible in water
Vapor pressure:	Same as water
Vapor Density:	Same as water
Viscosity:	No data available
Explosive Properties:	No data available
N-Octanol/Water Partition Coefficient:	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	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

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

10.4 Conditions to avoid

Heat, freezing, incompatibles.

10.5 Incompatible materials

Strong oxidisers. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. When exposed to nitro compounds cause the formation of shock-sensitive salts.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Potential health effects:

11.1.1 Acute Toxicity: No data available.

11.1.2 Irritation: Ingestion may cause gastrointestinal irritation. Mists may cause irritation to throat and respiratory tract.

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.

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SECTION 11. TOXICOLOGICAL INFORMATION (cont.)

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 to reproduction.

11.1.9 **Route of exposure:** Skin contact and inhalation.

11.1.10 **Symptoms related to the physical, chemical and toxicological characteristics:** If in contact with eyes corneal irritation may occur. If in contact with skin, irritation may occur. Prolonged exposure may cause progressive ulceration. Get immediate medical attention if this occurs. If ingested, may cause irritation around the lips.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Negligible ecotoxicity.

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulative 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

No further details.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of spill clean-up and other wastes in accordance with national, local and international 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.

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.

SECTION 15. REGULATORY INFORMATION

15.1 Chemical safety assessment

A chemical safety assessment has not been conducted.

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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SECTION 16. OTHER INFORMATION

Other information

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

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 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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