

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Product Name: Gel-clear HVACR Drain Cleaner
UPC: DCP022

Relevant identification uses of the substance and uses advised against:

Identified uses: For use in cleaning drains.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

Gel-clear Ltd
145 Bolton Rd
Darwen BB3 1DF
+44-1254-760002

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-800-424-9300 (USA)
NHS: 111 (UK)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:
Eye Irritant (Category 2)

Hazard Statement:
H319

Label elements:

Hazard Pictogram:



Signal Word: Warning.

Hazard Statements:

H319 Causes serious eye irritation.

Precautionary Statements:

P264 + P265 Wash hands thoroughly after handling. Do not touch eyes.

P280 Wear eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P317 If eye irritation persists: Get medical help.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Sodium hydrogencarbonate	144-55-8	60-70%	-	Not classified
	205-633-8			
Citric acid	77-92-9	30-40%	-	Eye Irrit. 2 H319
	680-681-4			
Melaleuca alternifolia, ext.	85085-48-9	2.5%	-	Acute Tox. 4 H302 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Acute Tox. 4 H332 Aquatic Chronic 2 H411
	285-377-1			
Magnesium distearate	557-04-0	<2.5%	-	Not Classified
	209-150-3			
Fast Green FCF	2353-45-9	<1%	-	STOT SE 3 H335
	219-091-5			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of first aid measures:

General advice: Get medical advice/ attention if you feel unwell. Show this safety data sheet to the doctor in attendance.

Inhalation: If breathed in, move person into fresh air. If symptoms persist, call a physician.

In case of skin contact: In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur.

In case of eye contact: Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

If swallowed: Drink plenty of water. If swallowed, DO NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:

Severe eye irritation.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Water spray, Dry powder, Foam, Carbon dioxide (CO₂).

Unsuitable extinguishing media: High volume jet water.

Specific hazards during firefighting: Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.

Hazardous combustion products: Carbon dioxide (CO₂), Carbon monoxide.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Specific extinguishing methods: Standard procedure for chemical fires.

Further information: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment. Avoid contact with skin and eyes.

Environmental precautions: Prevent further leakage or spillage if safe to do so. No special environmental precautions required.

Methods for containment and cleaning up:

Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid creating dust. Do not breathe dust. Avoid contact with skin and eyes. For personal protection see Exposure controls/personal protection section.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

Conditions for safe storage, including incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.

Further information on storage conditions: No decomposition if stored and applied as directed.

Advice on common storage: Incompatible with strong bases and oxidizing agents.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: No data available.

Exposure control:

Appropriate engineering controls: Provide adequate ventilation.

Individual protection measures, such as personal protective equipment:

Eye protection: Safety glasses.

Hand protection: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.

Skin and Body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection: In the case of dust or aerosol formation use respirator with an approved filter.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Solid (powder).

Colour: Light orange.

Odour: Fresh odour.

Odour threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): No data available.

Boiling point/range (°C): No data available.

Flash point (°C): No data available.

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability/explosive limits: No data available.

Vapour pressure: No data available.

Vapour density: No data available.

Relative density (20 °C): No data available.

Water solubility (g/L) at 20 °C: Soluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity, dynamic (mPa s): No data available.

Section 10: Stability and Reactivity

Reactivity: No decomposition if stored and applied as directed.

Chemical stability: Stable under normal conditions.

Hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Avoid dust formation.

Incompatible materials: Strong bases, Oxidizing agents.

Hazardous decomposition products: Carbon dioxide (CO₂), carbon monoxide.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Waste treatment methods: Where possible recycling is preferred to disposal or incineration. Can be landfilled or incinerated, when in compliance with local regulations.

Product/package disposal: Dispose of as unused product.

Section 14: Transport Information

UN number: Not regulated as dangerous goods.

UN proper shipping name: Not regulated as dangerous goods.

Transport hazard class: Not regulated as dangerous goods.

Packing group: Not regulated as dangerous goods.

Environmental hazards: Not regulated as dangerous goods.

Special precautions for user: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

Section 15: Regulatory Information

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

Relevant information regarding restrictions: None known.

EU regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Acute Health Hazard.

SARA Title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any components with a CERCLA RQ.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: Formulation change to Section 3.

Relevant classification and H statements (number and full text):

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.