

Prestige Eco Concrete Removal & Stripper SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: GTR PREMIUM Product
code: CK0137

1.2. Relevant identified uses of the substance or mixture and uses advised against

Professional cleaning product use.

1.3. Details of the supplier of the safety data sheet Registered company name:

Worcestershire Chemicals Ltd

Address: Unit 6 Oakdale Trading Estate, Ham Lane, Kingswinford, West Midlands, DY6 7JH

Tel: 01562 755884 info@chemi-kal.co.uk www.chemi-kal.co.uk

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin corrosion, Category 1B (Skin Corr. 1B, H314). Serious
eye damage, Category 1 (Eye Dam. 1, H318).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

Mixture for spray application.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms:



GHS05

Signal Word:

DANGER

Product identifiers:

EC 201-180-5

ACIDE GLYCOLIQUE

EC 688-309-2

2-BUTYLOCTAN-1-OL, ETHOXYLATED, PROPOXYLATED (≥ 2.5 EO/PO)

Hazard statements:

H314

Causes severe skin burns and eye

damage. Precautionary statements - Prevention:

P260

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

P264

Wash hands thoroughly after handling.

P280

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

Precautionary statements - Response:

P301 + P330 + P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305 + P351 + P338

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

P310

Immediately call a POISON CENTER or a doctor.

P321

In case of visiting a doctor, show the MSDS.

P363

Wash contaminated clothing before reusing.

Precautionary statements - Disposal:

P501

Dispose of contents/container referring to the local regulation.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition:

Identification	(EC) 1272/2008	Note	%
CAS: 79-14-1 EC: 201-180-5 REACH: 01-2119485579-17-0000 ACIDE GLYCOLIQUE	GHS07, GHS05 Dgr Skin Corr. 1B, H314 Acute Tox. 4, H332		$10 \leq x \% < 25$
CAS: 252756-20-0 EC: 688-309-2 2-BUTYLOCTAN-1-OL, ETHOXYLATED, PROPOXYLATED (≥ 2.5 EO/PO)	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		$2.5 \leq x \% < 10$
CAS: 7647-14-5 CHLORURE DE SODIUM	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335		$1 \leq x \% < 2.5$

Information on ingredients:

(Full text of H-phrases: see section 16)

SECTION 4: FIRST AID MEASURES

As a rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation:

Take immediately the victim to fresh air. if breathing is difficult, call a doctor immediately.

In the event of splashes or contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin:

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.
If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing:

Do not give the patient anything orally.
Seek medical attention immediately, showing the label.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media**5.2. Special hazards arising from the substance or mixture**

A fire will often produce thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

For non-first aid workers

Avoid any contact with the skin and eyes.

For first aid workers

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an alkaline decontaminant, such as an aqueous solution of sodium carbonate or similar.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.
Observe precautions stated on label and industrial safety regulations.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Storage temperature: between 5 and 25°C.
Keep away from heat, free fire, spark and other ignition sources
keep away from direct solar light.

Packaging

Always keep packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

No data available.

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

ACIDE GLYCOLIQUE (CAS: 79-14-1)

Final use:

Exposure method:
Potential health effects:
DNEL:

Exposure method:
Potential health effects:
DNEL:

Exposure method:
Potential health effects:
DNEL:

Exposure method:
Potential health effects:
DNEL:

Exposure method:
Potential health effects:
DNEL:

Final use:

Exposure method:
Potential health effects:
DNEL:

Exposure method:
Potential health effects:
DNEL:

Workers.

Dermal contact.
Long term systemic effects.
57.69 mg/kg body weight/day

Inhalation.
Short term systemic effects.
9.2 mg of substance/m3

Inhalation.
Short term local effects.
9.2 mg of substance/m3

Inhalation.
Long term systemic effects.
10.56 mg of substance/m3

Inhalation.
Long term local effects.
1.53 mg of substance/m3

Man exposed via the environment:

Ingestion.
Long term systemic effects.
0.75 mg/kg body weight/day

Dermal contact.
Long term systemic effects.
28.85 mg/kg body weight/day

Exposure method:	Inhalation.
Potential health effects:	Short term systemic effects.
DNEL:	2.3 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Short term local effects.
DNEL:	2.3 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL:	2.6 mg of substance/m3

Predicted no effect concentration (PNEC):

ACIDE GLYCOLIQUE (CAS: 79-14-1)	
Environmental compartment:	Air.
PNEC:	16.66 g/kg
Environmental compartment:	Soil.
PNEC:	0.007 mg/kg
Environmental compartment:	Fresh water.
PNEC:	0.0312 mg/l
Environmental compartment:	Sea water.
PNEC:	0.0031 mg/l
Environmental compartment:	Intermittent wastewater.
PNEC:	0.312 mg/l
Environmental compartment:	Fresh water sediment.
PNEC:	0.115 mg/kg
Environmental compartment:	Marine sediment.
PNEC:	0.0115 mg/kg
Environmental compartment:	Wastewater treatment plant.
PNEC:	7 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):



Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

When spraying, wear a face shield in accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended:

- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing:

Wear suitable protective clothing and an apron and boots. These items of clothing shall be maintained in good condition and cleaned after use.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state: Fluid liquid.

Colour:

Uncolored to pale yellow

Odour

Odour threshold: Not stated.

Marine

Melting point

Melting point/melting range: Not specified.

Freezing point

Freezing point / Freezing range: Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range: Not specified.

Flammability

Flammability (solid, gas): Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%): Not stated.

Explosive properties, upper explosivity limit (%): Not stated.

Flash point

Flash point interval: Not relevant.

Auto-ignition temperature

Self-ignition temperature: Not specified.

Decomposition temperature

Decomposition point/decomposition range: Not specified.

pH

pH: Not stated.
Strongly acidic.

pH (aqueous solution): Not stated.

Kinematic viscosity

Viscosity: Not stated.

Solubility

Water solubility: Soluble.

Fat solubility: Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water: Not stated.

Vapour pressure

Vapour pressure (50°C): Not relevant.

Density and/or relative density

Density: > 1

Relative vapour density

Vapour density: Not stated.

9.2. Other information

No data available.

9.2.1. Information regarding physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid:

- frost

10.5. Incompatible materials

Keep away from:

- bases

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)

- carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure between three minutes and one hour.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances**Acute toxicity:**ACIDE GLYCOLIQUE (CAS: 79-14-1)
Inhalation route (Dusts/mist) :LC50 > 5.2 mg/l
Species: Rat (recommended by the CLP)2-BUTYLOCTAN-1-OL, ETHOXYLATED, PROPOXYLATED (≥ 2.5 EO/PO) (CAS: 252756-20-0)
Oral route:300 < LD50 $\leq$ 2000 mg/kg
Species: Rat

Dermal route:

LD50 > 5000 mg/kg
Species: Rabbit**11.1.2. Mixture**

No toxicological data available for the mixture.

11.2. Information on other hazards

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**2-BUTYLOCTAN-1-OL, ETHOXYLATED, PROPOXYLATED (≥ 2.5 EO/PO) (CAS: 252756-20-0)
Crustacean toxicity:EC50 = 10 mg/l
Species: Daphnia magna
Duration of exposure: 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity:

ECr50 = 100 mg/l
Species: Pseudokirchnerella subcapitata
Duration of exposure: 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**2-BUTYLOCTAN-1-OL, ETHOXYLATED, PROPOXYLATED (≥ 2.5 EO/PO) (CAS: 252756-20-0)
Biodegradability:

Rapidly degradable.

12.2.2. Mixtures

Biodegradability in water:

Inherently biodegradable.
Aerobics.
OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)**12.3. Bioaccumulative potential**

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1: Slightly hazardous for water.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 [40-20] - ICAO/IATA 2022 [63]).

14.1. UN number or ID number

3265

14.2. UN proper shipping name

UN3265=CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

14.3. Transport hazard class(es)

- Classification:



8

14.4. Packing group

II

14.5. Environmental hazards

-

14.6. Special precautions for user:

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C3	II	8	80	1 L	274	E2	2	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	8	-	II	1 L	F-A. S-B	274	E2	Category B SW2	SGG1 SG36 SG49

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	II	851	1 L	855	30 L	A3 A803	E2
	8	-	II	Y840	0.5 L	-	-	A3 A803	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG. For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

- Container information:

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.

- Particular provisions:

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 %: non-ionic surfactants
- perfumes
- allergenic fragrances:
benzyl salicylate
linalool

- German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1: Slightly hazardous for water.

15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3:

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Abbreviations:

LD50: The dose of a test substance resulting in 50% lethality in a given time period.

LC50: The concentration of a test substance resulting in 50% lethality in a given period.

EC50: The effective concentration of substance that causes 50% of the maximum response.

ECr50: The effective concentration of substance that causes 50% reduction in growth rate.

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances. DNEL:

Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association. ICAO:

International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail. WGK

:Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion

PBT: Persistent, bioaccumulable and toxic. vPvB

:Very persistent, very bioaccumulable. SVHC:

Substances of very high concern.