



ACCORDING TO US CFR 1910.1200

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name StreetSeal.
Trade Name StreetSeal.
CAS No. Not applicable.

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

Identified Use(s) Asphalt sealer and rejuvenator.
Uses Advised Against None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Grafo Products
Address of Manufacturer Old Goods Depot
St Johns Road
Saxmundham
Suffolk
United Kingdom
Postal code IP17 1BE
Telephone: 0044 1728 603664
Fax Not known.
E-mail grafoproducts@btinternet.com
Office hours 09:00 - 17:00
Supplier
Company Identification Agua-Seal waterproofing Systems Llc
Address of Supplier Charleston
South Carolina
USA
Telephone: +1 843-810-4428

1.4 Emergency telephone number

Emergency Phone No. 0044 1728 603664
Contact Glenn Coles

2. SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

US CFR 1910.1200 Not classified as dangerous for supply/use.

2.2 Label elements

US CFR 1910.1200
Product Name StreetSeal.

Hazard Pictogram(s)

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

2.3 Other hazards

None known.

2.4 Additional Information

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Propane-1,2-diol	57-55-6	>0.05	Not classified	
1,2-benzisothiazol-3(2H)-one	2634-33-5	>0.05	Acute Tox. 4 H302	GHS07

			Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400	GHS05 GHS09
Zinc oxide	1314-13-2	<0.05	Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS09
Ammonia	1336-21-6	<0.05	Skin Corr. 1A H314 STOT SE 3 H335	GHS07 GHS05
2-methyl-2H-isothiazol-3-one	2682-20-4	<0.05	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1 H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS06 GHS05 GHS07
Isotridecanol, ethoxylated	69011-36-5	>0.005	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS07 GHS05
Diuron (ISO)	330-54-1	>0.005	Acute Tox. 4 H302 Carc. 2 H351 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS08 GHS07 GHS09
Pyrrithione zinc	13463-41-7	<0.005	Acute Tox. 3 H301 Eye Dam. 1 H318 Acute Tox. 4 H332	GHS06 GHS07 GHS05

Octhilinone (ISO)	26530-20-1	<0.005	Acute Tox. 4 H302 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1 H317 Acute Tox. 3 H331 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS07 GHS05 GHS09
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4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.

6.4 Reference to other sections

See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Ensure adequate ventilation. Wash hands thoroughly after handling. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
Storage life Stable under normal conditions.
Incompatible materials Strong oxidizing agents.

7.3 Specific end use(s)

Asphalt sealer and rejuvenator.

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

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Diuron	330-54-1		10			ACGIH TLV, A4
Diuron	330-54-1		10			OSHA PEL
Zinc oxide	1314-13-2		2		10	ACGIH TLV, R
Zinc oxide fume	1314-13-2		5			OSHA PEL Z-1
Zinc oxide (total dust)	1314-13-2		15			OSHA PEL Z-1
Zinc oxide (Respirable fraction)	1314-13-2		5			OSHA PEL Z-1
Zinc oxide fume	1314-13-2		5		10	OSHA PEL
Zinc oxide fume	1314-13-2		5		10	NIOSH REL Z-1
Zinc oxide (total dust)	1314-13-2		5			NIOSH REL Z-1, C = 15mg/m ³

Remark	Notes
ACGIH TLV A4	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®) Not Classifiable as a Human Carcinogen
OSHA PEL R	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs). Respirable particulate matter
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week
C = 15mg/m ³	Ceiling limit of 15mg/m ³

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear suitable eye/face protection.



Skin protection

Not normally required. Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards

Not applicable.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Liquid.
	Color : Clear, Black, Red, Green.
Odor	Slightly Sweet.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash Point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Density (g/ml)	Not available.
Relative density	Not available.
Solubility(ies)	Solubility (Water) : Soluble. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	28 seconds [Ford cup 4] @ 68°F
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

10. 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

- No hazardous reactions known if used for its intended purpose.
- 10.4 Conditions to avoid**
- Heat and direct sunlight.
- 10.5 Incompatible materials**
- Strong oxidizing agents.
- 10.6 Hazardous decomposition products**
- No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 357142.88000
Acute toxicity - Skin Contact	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 1000000.00000
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and Degradation

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Soluble in water. The product is predicted to have high mobility in soil.

12.5 Other adverse effects

Not known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

Dispose of contents in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z) Listed : 1314-13-2

National emission standards for hazardous air pollutants (40 CFR 61.01) Listed : 1314-13-2
 SARA Title III Section 313 Listed : 1314-13-2
 TSCA (Toxic Substance Control Act) Listed : 7732-18-5, 1336-21-6, 57-55-6, 69011-36-5, 2634-33-5, 13463-41-7, 26530-20-1, 1314-13-2, 2682-20-4
 CAA 602 - Ozone Depleting Substances (ODS) Not listed

15.2 US State Regulations

State Right to Know Lists
 Proposition 65 (California) Listed : 330-54-1
 Minnesota Listed : 57-55-6, 330-54-1, 1314-13-2
 New Jersey Listed : 7732-18-5, 1336-21-6, 57-55-6, 330-54-1, 13463-41-7, 1314-13-2
 Pennsylvania Listed : 7732-18-5, 1336-21-6, 57-55-6, 13463-41-7, 1314-13-2
 Rhode Island Listed : 57-55-6, 330-54-1, 1314-13-2

15.3 Other

CAA 602 - Ozone Depleting Substances (ODS) Not listed
 OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives) Not listed
 NTP (National Toxicology Program) Not listed
 IARC (International Agency for Research on Cancer) Not listed

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)

GHS07: GHS: exclamation mark
 GHS05: GHS: corrosive
 GHS09: GHS: fish and tree
 GHS06: GHS: skull and crossbones
 GHS08: GHS: health hazard

Hazard Statement(s)

H301: Toxic if swallowed.
 H302: Harmful if swallowed.
 H311: Toxic in contact with skin.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H331: Toxic if inhaled.
 H332: Harmful if inhaled.
 H335: May cause respiratory irritation.
 H351: Suspected of causing cancer.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.

Acronyms

CAS : Chemical Abstracts Service
 LTEL : Long Term Exposure Limit
 STEL : Short Term Exposure Limit
 STOT : Specific Target Organ Toxicity

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