Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Reference number: EUR10122A

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Substance

Substance name : PPG Deluxe Filter Cleaner Plus Granules

Product code : 2007581050
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use, Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Distributor

Golden Coast Ltd Fishleigh Road EX31 3UA Devon Barnstaple UK

T +44 1271 348100 www.goldenc.com

1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	OHES Environmental		0844 560 5341	Intended for general public
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GB CLP (SI 2019:720 as amended)

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GB CLP)



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Signal word (GB CLP) : Warning

Hazard statements (GB CLP) : H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GB CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves, protective clothing, 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.

P501 - Dispose of contents and container to an approved waste disposal plant.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with UK REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

: PPG Deluxe Filter Cleaner Plus Granules Name

Name	Product identifier	Labelling according to GB CLP (SI 2019:720 as amended)
sulphamidic acid; sulphamic acid; sulfamic acid	CAS-No.: 5329-14-6 EC-No.: 226-218-8 UK Index-No.: 016-026-00-0	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get

medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth and drink plenty of water. Do NOT induce vomiting. Call a poison center or a

doctor if you feel unwell.

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

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist,

this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : Irritation. Symptoms/effects after eye contact Eye irritation.

None under normal conditions. Symptoms/effects after ingestion

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Not flammable. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Sulphur dioxide (as SO2). Ammonia. Nitrous gasses.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent

material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear

personal protective equipment.

Handling temperature : \geq 5 °C

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

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Packaging materials

: Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	10 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	70.5 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	5 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	17.4 mg/m³	
Long-term - systemic effects, dermal	5 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	1.8 mg/l	
PNEC aqua (marine water)	0.18 mg/l	
PNEC aqua (intermittent, freshwater)	0.48 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	8.36 mg/kg dwt	
PNEC sediment (marine water)	0.84 mg/kg dwt	
PNEC (Soil)		
PNEC soil	5 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	20 mg/l	

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment - Report preview:

Wear recommended personal protective equipment.

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Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection - Report preview:

Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Use eye protection according to EN 166, designed to protect against powders and dusts.	Dust, Fine dust	With side shields	EN 166

8.2.2.2. Skin protection

Skin and body protection - Report preview:

Wear suitable protective clothing

Hand protection - Report preview:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0.3 mm		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection - Report preview:

In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	Filter type	Condition	Standard
Dust mask	Type P2	Short term exposure	

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid Colour : White.

Appearance : Crystalline powder. Molecular mass : 97.09 g/mol Odour : odourless. Odour threshold : Not available : 205 °C Melting point Freezing point : Not applicable : Not available Boiling point : Non flammable. Flammability

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Explosive properties : Product is not explosive.

Oxidising properties : Not oxidising.

Explosive limits : Not applicable
Lower explosion limit : Not applicable
Upper explosion limit : Not applicable
Flash point : Not applicable
Auto-ignition temperature : Not applicable
Decomposition temperature : 200 °C
pH : 1.2

pH : 1.2 pH solution concentration : 1 %

Viscosity, kinematic : Not applicable : Water: 213 g/l Solubility : Not available Partition coefficient n-octanol/water (Log Kow) Vapour pressure : 0.0078 hPa Vapour pressure at 50°C : Not available : 2.126 g/cm³ Density Relative density : Not available Relative vapour density at 20°C : Not applicable Particle size : Not available

sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)

Vapour pressure 0.78 Pa 25°C

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)

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Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
sulphamidic acid; sulphamic acid;	sulfamic acid (5329-14-6)
LD50 oral rat	3160 mg/kg
LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 2000 mg/kg bodyweight
Skin corrosion/irritation	: Causes skin irritation. pH: 1.2
Serious eye damage/irritation	Causes serious eye irritation. pH: 1.2
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

PPG Deluxe Filter Cleaner Plus Granules	
Viscosity, kinematic	Not applicable

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified (Based on available data, the classification criteria are not met)

(acute)

Hazardous to the aquatic environment, long–term : Harmful to aquatic life with long lasting effects.

(chronic)

sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)		
LC50 - Fish [1]	70.3 mg/l Test organisms (species): Pimephales promelas	
EC50 - Crustacea [1]	71.6 mg/l Test organisms (species): Daphnia magna	
EC50 - Other aquatic organisms [1]	71.6 mg/l waterflea	
EC50 - Other aquatic organisms [2]	29.5 mg/l	
EC50 72h - Algae [1]	48 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
EC50 72h - Algae [2]	33.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
LOEC (chronic)	34 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	19 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC chronic fish	≥ 60 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '34 d'	

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12.2. Persistence and degradability

PPG Deluxe Filter Cleaner Plus Granules

Persistence and degradability Rapidly degradable

sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)

Persistence and degradability Rapidly degradable

12.3. Bioaccumulative potential

sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)

Partition coefficient n-octanol/water (Log Pow) -4.34

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation

Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

Froduct/Fackaging disposal recommendations

Additional information

- : Disposal must be done according to official regulations.
- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Disposal must be done according to official regulations.
- : Comply with applicable regulations for solid waste disposal. Disposal must be done
 - according to official regulations.
- : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID	
14.1. UN number	4.1. UN number				
UN 2967	UN 2967	UN 2967	UN 2967	UN 2967	
14.2. UN proper shippin	g name				
SULPHAMIC ACID	SULPHAMIC ACID	Sulphamic acid	SULPHAMIC ACID	SULPHAMIC ACID	
Transport document descr	iption				
UN 2967 SULPHAMIC ACID, 8, III, (E)	UN 2967 SULPHAMIC ACID, 8, III	UN 2967 Sulphamic acid, 8,	UN 2967 SULPHAMIC ACID, 8, III	UN 2967 SULPHAMIC ACID, 8, III	
14.3. Transport hazard	14.3. Transport hazard class(es)				
8	8	8	8	8	

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ADR	IMDG	IATA	ADN	RID	
8	B	8	8	8	
14.4. Packing group	14.4. Packing group				
III	III	III	III	III	
14.5. Environmental haz	zards				
Dangerous for the environment: Dangerous for the environment	Dangerous for the environment: Dangerous for the environment Marine pollutant: No	Dangerous for the environment: Dangerous for the environment	Dangerous for the environment: Dangerous for the environment	Dangerous for the environment: Dangerous for the environment	
No supplementary information	No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C2
Limited quantities (ADR) : 5kg
Excepted quantities (ADR) : E1

Packing instructions (ADR) : P002, IBC08, LP02, R001

Special packing provisions (ADR) : B3
Mixed packing provisions (ADR) : MP10
Portable tank and bulk container instructions (ADR) : T1
Portable tank and bulk container special provisions : TP33

(ADR)

Tank code (ADR) : SGAV
Vehicle for tank carriage : AT
Transport category (ADR) : 3

Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP7

Hazard identification number (Kemler No.) : 80

Orange plates :

80 2967

Tunnel restriction code (ADR) : E EAC code : 2X

Transport by sea

Limited quantities (IMDG) : 5 kg Excepted quantities (IMDG) : E1 P002, LP02 Packing instructions (IMDG) IBC packing instructions (IMDG) IBC08 IBC special provisions (IMDG) ВЗ Tank instructions (IMDG) T1 Tank special provisions (IMDG) **TP33** EmS-No. (Fire) F-A EmS-No. (Spillage) S-B Stowage category (IMDG) Α

Segregation (IMDG) : SGG1, SG36, SG49

Properties and observations (IMDG) : White crystalline powder. Soluble in water. Decomposes when heated, evolving toxic fumes.

Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y845
PCA limited quantity max net quantity (IATA) : 5kg
PCA packing instructions (IATA) : 860

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PCA max net quantity (IATA) : 25kg
CAO packing instructions (IATA) : 864
CAO max net quantity (IATA) : 100kg
Special provisions (IATA) : A803
ERG code (IATA) : 8L

Inland waterway transport

Classification code (ADN) : C2
Limited quantities (ADN) : 5 kg
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : C2
Limited quantities (RID) : 5kg
Excepted quantities (RID) : E1

Packing instructions (RID) : P002, IBC08, LP02, R001

Special packing provisions (RID) : B3

Mixed packing provisions (RID) : MP10

Portable tank and bulk container instructions (RID) : T1

Portable tank and bulk container special provisions : TP33

(RID)

Tank codes for RID tanks (RID) : SGAV Transport category (RID) : 3

Special provisions for carriage – Bulk (RID) : VC1, VC2, AP7

Colis express (express parcels) (RID) : CE11 Hazard identification number (RID) : 80

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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15.1.2. United Kingdom

UK REACH Annex XIV (Authorisation List)

Not listed on UK REACH Annex XIV (Authorisation List): PPG Deluxe Filter Cleaner Plus Granules

UK REACH Candidate List (SVHC)

Not listed on the UK REACH Candidate List

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	

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Abbreviations and acronyms:	
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.