SAFETY DATASHEET

TOILET CLEANER SACHET

SAFETYSIGNS AND SUPPLIES
ABSOLUTESUPPLY

ISSUE DATE: 16/08/2021
REVISION DATE: 16/08/2021
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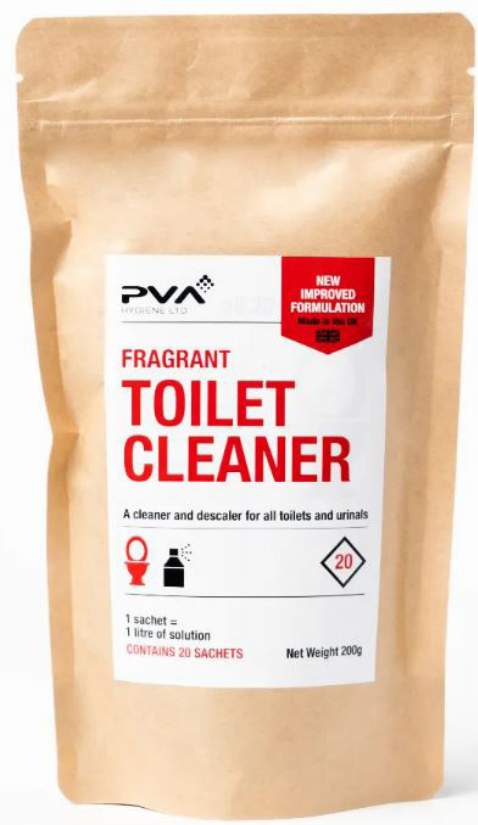
SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: TOILET CLEANER SACHET

Product code: CCS4 / 1 004 8 12



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

1.2.1 Relevant identified uses

Main use category: Professional use,Consumer use

Use of the substance/mixture: DETERGENT

1.2.1 Relevant identified uses

Restrictions on use: Not for Oral Consumption, Not for Direct Application to Food Stuffs

1.3 Details of the supplier of the safety data sheet

Manufacturer
PVA HYGIENE
UNIT 6 Havyat Business Park Havyat Road
BS40 5PA Bristol
T 01934 862859
sales@pva-hygiene

1.4 Emergency telephone number

Emergency number: 01934 862859 (Office Hours). For Immediate first aid advice in the UK call 111
This product is registered with NPIS in the UK.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations

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
NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

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2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

Signal word (CLP)	Warning
Hazard statements (CLP)	H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P402+P404 - Store in a dry place. Store in a closed container. P501 - Dispose of contents and container to national regulations.

2.3 Other hazards

This product does not contain any substances classifed as PBT
This product does not contain any substances clasified as vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2

NAME	PRODUCT IDENTIFIER	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations
sulphamidic acid; sulphamic acid; sulfamic acid	CAS-No.: 5329-14-6 EC-No.: 226-218-8 EC Index-No.: 016-026-00-0	≥ 30 – < 50	CAS-No.: 5329-14-6 EC-No.: 226-218-8 EC Index-No.: 016-026-00-0
sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498-19	≥ 10 – < 15	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498-19
ISOBORNYL ACETATE	CAS-No.: 125-12-2 EC-No.: 204-727-6	≥ 2 – < 5	CAS-No.: 125-12-2 EC-No.: 204-727-6
ACID BLUE 1	CAS-No.: 129-17-9 EC-No.: 204-934-1	≥ 1.5 – < 2	CAS-No.: 129-17-9 EC-No.: 204-934-1

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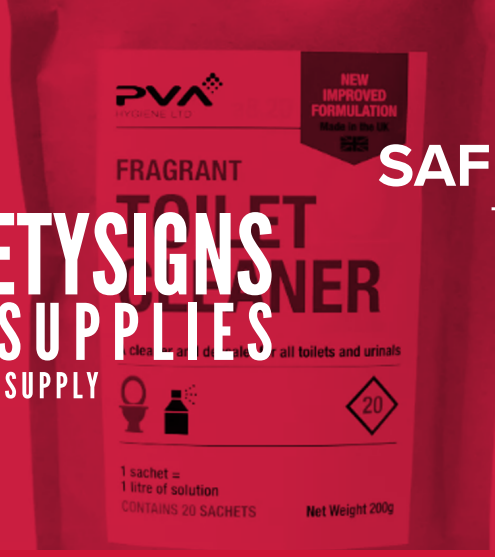

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general: If medical advice is needed, have product container or label at hand. For immediate First Aid advice in the UK, dial 111. When it safe to do so, remove the victim immediately from the source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.

First-aid measures after inhalation: Unlikely without deliberate abuse. Move the affected person to the fresh air. If unconscious place in recovery position and seek medical advice.

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: Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention. If unconscious, place in the recovery position and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects: Neat product will cause skin and eye irritation. Dilute in use solutions are unclassified but may cause eye reddening and transient irritation.

Symptoms/effects after inhalation: Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore throat. If mixed with bleach based products, Chlorine gas may be produced, check for respiratory disorders.

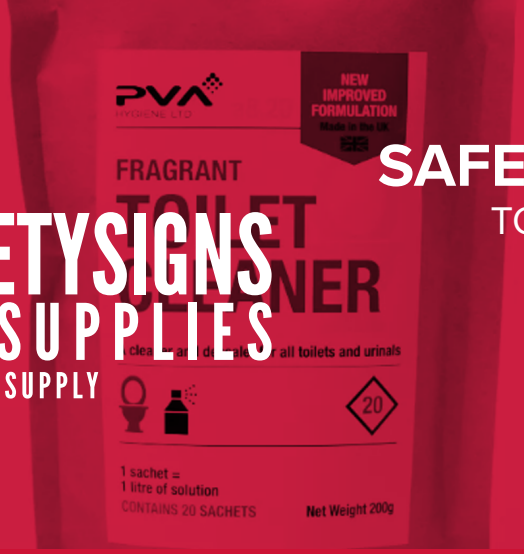
Symptoms/effects after skin contact: Causes skin irritation.

Symptoms/effects after eye contact: Eye irritation.

Symptoms/effects after ingestion: Unlikely route of exposure without deliberte abuse. If sachets are swallowed they may swell and could block the throat and GI tract. Irritation to the mouth and GI tract could occur, a soapy taste may be reported. Ingestion of diluted solution is unlikely to cause long term harm, but a soapy taste may be reported.

4.3 Indication of any immediate medical attention and special treatment needed

Rinse with plenty of water. Check for abrasion to the surface of the eye from powder particles.



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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing agent suitable for surrounding fire.

5.2 Special hazards arising from the substance or mixture

Fire hazard: The product is not flammable.

Hazardous decomposition products in case of fire: On heating, irritating fumes may be produced.

5.3 Advice for firefighters

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

6.1.1 For non-emergency personnel

Protective equipment: Wear protective clothing as described in section 8 of this SDS.

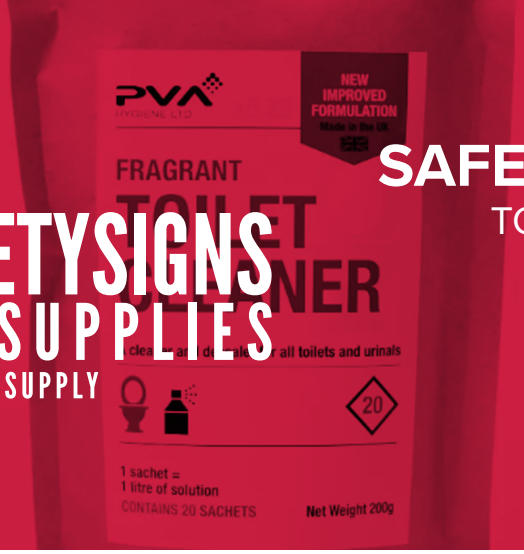
Emergency procedures: Avoid contact with skin and eyes.

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”.

6.2 Environmental precautions

Normal use solutions can be disposed to sewers and septic tanks. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevent Environment Agency.



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6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Collect and place spillage in suitable containers. Seal the containers and apply labelling to identify the material and hazards. For disposal see section 13 of this SDS.

Other information: Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.

6.4 Reference to other sections
For further information refer to section 13. See sections 2,8,12,13 &14.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Carefully comply with the instructions for use. Avoid contact with eyes.

Hygiene measures: Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: It is essential that sachets are storred in original packaging in a dry non humid area.

Storage conditions: Store in a dry place. Store in a closed container.

Incompatible products: Bleach.

Storage temperature: 0 – 30 °C

7.3 Specific end use(s)
Toilet Cleaner Concentrate.

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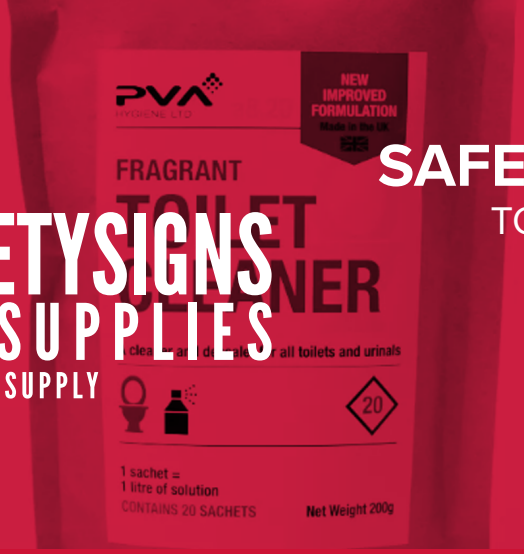

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

National occupational exposure and biological limit values

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United Kingdom - Occupational Exposure Limits

Remark Note general inhalable dust WEL of 8mg/m3 (8hr TWA) and respirable dust WEL of 4mg/m3.

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

No additional information available

8.1.5 Control banding

No additional information available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation of the work station.

8.2.2 Personal protection equipment

Gloves. Safety glasses.

8.2.2.1 Eye and face protection

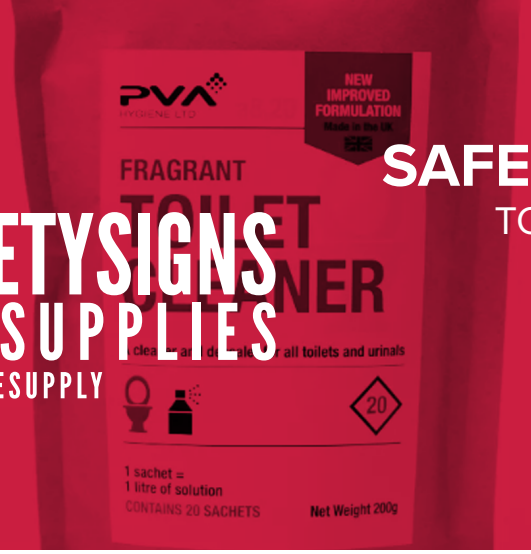
Eye protection:

Safety glasses. During manufacture and packing operations, eye protection is recommended. In Normal use eye protection is not required. Consider safety glasses if there is a significant risk of splashing. Refer to EN166 to select appropriate level of protection.

8.2.2.2 Skin protection

Hand Protection

During normal use gloves are not required. During manufacture and packing operations, the use of gloves with a breakthrough time >60 minutes is recommended. Refer to EN374 to select appropriate level of protection. Rubber and PVC gloves are recommended. NOTE:- Use of gloves is a good general hygiene practice.



8.2.2.3 Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

8.2.2.4 Thermal hazards

No additional information available

8.2.3 Environmental exposure controls

Avoid large scale release of undiluted material to the environment.

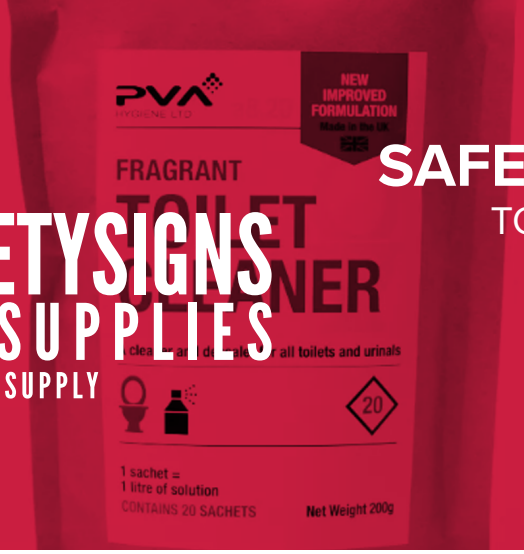
Other information:

The PPE indicated in this SDS is not a COSHH assessment. It represents the PPE that should be considered for the neat product at all stages of the products life cycle, including manufacture, packing, distribution, use and disposal. Use solutions are unclassified, but for these we recommend use of gloves as minimum PPE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Colour	Blue. Green.
Odour	FRESH PINE.
Odour threshold	No data available
pH	2.6 – 3
Relative evaporation rate (butylacetate=1)	Not applicable
Melting point	Not applicable
Freezing point	Not applicable
Boiling point	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Flammability (solid, gas)	Not applicable
Vapour pressure	Not applicable
Relative vapour density at 20 °C	Not applicable
Relative density	Not applicable



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8.2.2.3	**Density**	0.9 – 1 g/cm^3
	Solubility	Completely soluble in water
	Partition coefficient n-octanol/water (Log Pow)	No data available
	Viscosity, kinematic	Not applicable
	Viscosity, dynamic	No data available
	Explosive properties	Product is not explosive
	Oxidising properties	Not oxidising
	Explosive limits	Not applicable

9.2 Other information
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.

10.3 Conditions to avoid
Store away from moisture in a closed container.

10.5 Incompatible materials
Avoid contact with : Oxidising agents. alkalis. Do not mix with Bleach or products containing Sodium Hypochlorite, this could result in dangerous heating of the solution.

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

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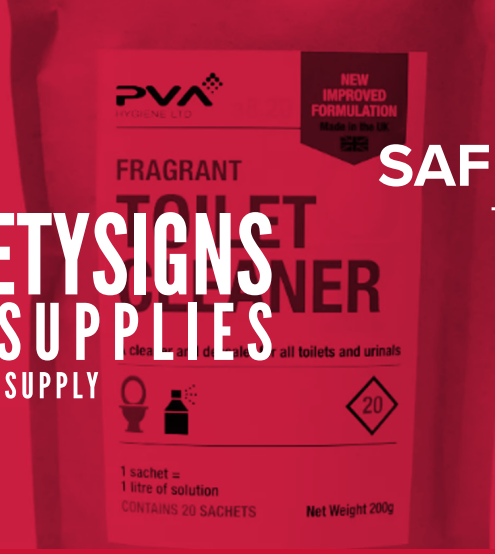

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

11.1 ACID BLUE 1 (129-17-9)

LD50 oral rat	10000 mg/kg bodyweight Animal: rat, Guideline: other:, Remarks on results: other:
LD50 dermal rabbit	1313588 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CLP (dermal)	1313588 mg/kg bodyweight

ISOBORNYL ACETATE (125-12-2)

LD50 oral rat	10000 mg/kg bodyweight Animal: rat
LD50 oral	9000 mg/kg bodyweight Animal: mouse
LD50 dermal rabbit	20000 mg/kg bodyweight Animal: rabbit
ATE CLP (oral)	9000 mg/kg bodyweight
ATE CLP (dermal)	20000 mg/kg bodyweight
Skin corrosion/irritation	Causes skin irritation.pH: 2.6 – 3
Serious eye damage/ irritation	Causes serious eye irritation. pH: 2.6 – 3
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	This mixture is not classified as a carcinogen.

ACID BLUE 1 (129-17-9)

IARC group	3 - Not classifiable
Reproductive toxicity	This mixture has no reproductive/feotal harm classifications and is not expected to be a risk to expectant mothers.
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified

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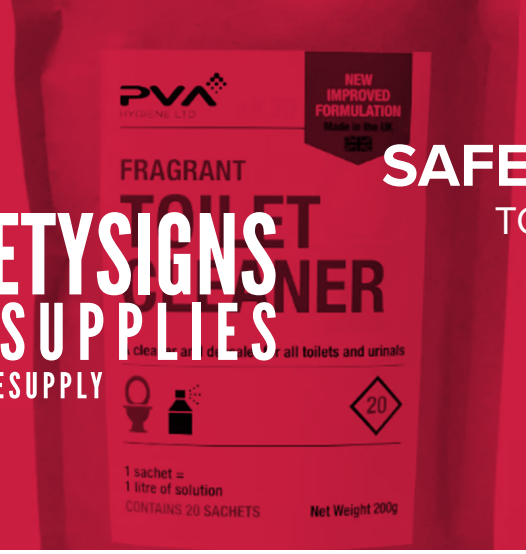
Viscosity, kinematic	Not applicable

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecology - general	Normal use solutions of this product are not classified for environmental harm.



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Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Note:- Comment refers to the concentrated product, use solutions are unclassified.
Not rapidly degradable	

ACID BLUE 1 (129-17-9)

LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 72h - Algae [1]	56.3 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

ISOBORNYL ACETATE (125-12-2)

LC50 - Fish [1]	10 – 18 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	19.3 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 16.6 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2 Persistence and degradability

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Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

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Bioaccumulative potential	Not expected to Bioaccumulate.
ACID BLUE 1 (129-17-9)	
Partition coefficient n-octanol/water (Log Pow)	2.783 Source: ECHA

ISOBORNYL ACETATE (125-12-2)

Partition coefficient n-octanol/water (Log Pow)	3.86 Source: IUCLID

12.4 Mobility in soil

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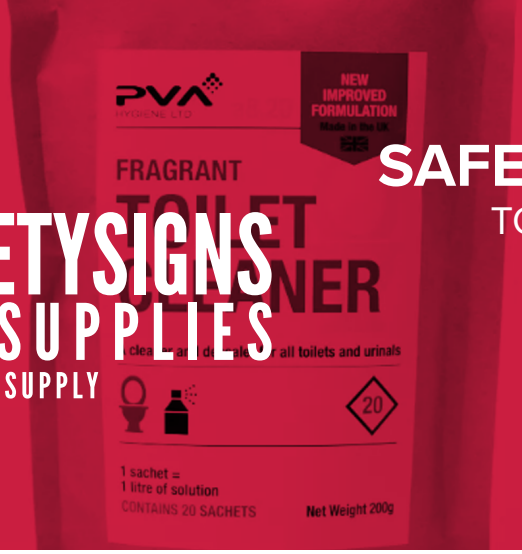
Additional information	soluble in water



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ISOBORNYL ACETATE (125-12-2)

Mobility in soil 1730 Source: EPISUITE

12.5 Results of PBT and vPvB assessment

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This product does not contain any substances classifed as PBT
This product does not contain any substances clasified as vPvB.

12.6 Other adverse effects

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste treatment methods Disposal of this product must comply with local and national environmental legislation.
Sewage disposal recommendations Small volumes of use solution can be disposed of to sewage drains.

SECTION 14: TRANSPORT INFORMATION

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

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2 UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

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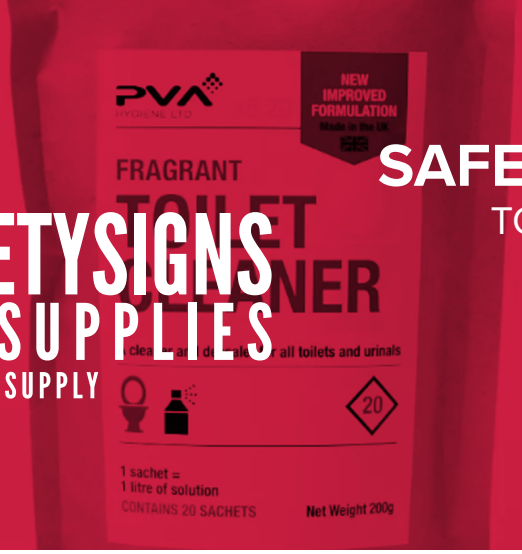

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14.6 Special precautions for user

Overland transport
Not applicable

Transport by sea
Not applicable

Air transport
Not applicable

Inland waterway transport
Not applicable

Rail transport
Not applicable

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
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

15.1.2 National regulations
GB REACH and CLP regulations.
HSE EH40 Publication.

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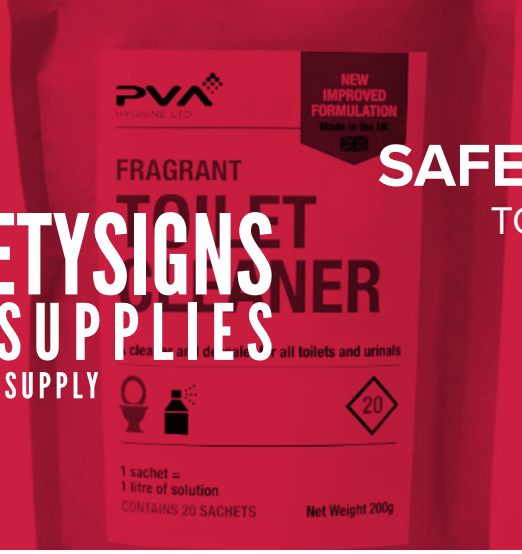

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15.2 Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

Indication of changes:

Issued in new format with no change to classification.

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

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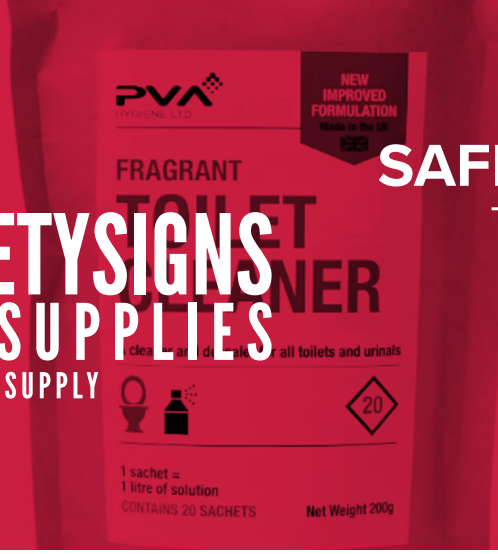

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Abbreviations and acronyms:

STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
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