

PV43 Colour Safe Destain Powder

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

1.1 - Product identifier

Trade name/designation PV43 Colour Safe Destain Powder

Chemical name

Product-type Mixture

Product code 13304

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

Relevant identified uses

- PC35: Washing and cleaning products
(including solvent based products).

1.3 - Details of the supplier of the safety data sheet

BioVate Hygienics Ltd
Grafton House
Pury Hill Business Park
NN12 7LS Towcester

sales@biovatehygienics.com

1.4 - Emergency telephone number

United Kingdom: NHS Direct: 111

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Eye Dam. 1	Serious eye damage, Category 1

2.2 - Label elements

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

Contains: disodium carbonate, compound with hydrogen peroxide (2:3) (CAS No.: 15630-89-4)

Signal word : Danger

Hazard pictograms



Hazard statements

H302	Harmful if swallowed
H318	Causes serious eye damage

Precautionary statements

P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

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P301+P312	IF SWALLOWED: Call a POISON CENTER/a doctor if you feel unwell.
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/a doctor.
P330	Rinse mouth.
P501	Dispose of contents/container to an appropriate recycling or disposal facility/in an approved treatment center in accordance with local/regional/national regulation.
EUH-phrases	: None

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
disodium carbonate, compound with hydrogen peroxide (2:3)	CAS No. : 15630-89-4 Index No. : EC No. : 239-707-6	> 30	Acute Tox. 4 Oral - H302 Eye Dam. 1 - H318	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	<ul style="list-style-type: none"> - Provide fresh air. - When in doubt or if symptoms are observed, get medical advice.
<u>Following skin contact</u>	<ul style="list-style-type: none"> - Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	<ul style="list-style-type: none"> - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
<u>After ingestion</u>	<ul style="list-style-type: none"> - Seek medical advice immediately. - Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours. - Rinse mouth thoroughly with water. - Medical treatment necessary. - When in doubt or if symptoms are observed, get medical advice.

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

<u>Symptoms and effects - Following inhalation</u>	<ul style="list-style-type: none"> - There may be irritation of the throat with a feeling of tightness in the chest.
<u>Symptoms and effects - Following skin contact</u>	<ul style="list-style-type: none"> - Causes skin irritation.

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Symptoms and effects - After eye contact

- Serious eye damage/eye irritation

Symptoms and effects - After ingestion

- There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

- Eye bathing equipment should be available on site.
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

5.3 - Advice for firefighters

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.

For emergency responders

- No information available.

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Ensure waste is collected and contained.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- Clean up immediately.

Methods and material for cleaning up

- Avoid dust formation.
- Clear contaminated areas thoroughly.
- Take up dust-free and set down dust-free.
- Take up mechanically, placing in appropriate containers for disposal.
- Ventilate affected area.

Inappropriate techniques

- No information available.

6.4 - Reference to other sections

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- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- Avoid: Eye contact
- Avoid: Generation/formation of dust
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- After use replace the closing cap immediately.
- Avoid exposure - obtain special instructions before use.

Advices on general occupational hygiene

- Wash contaminated clothing prior to re-use.
- When using do not eat, drink, smoke, sniff.
- Thorough skin-cleansing after handling the product.
- Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Do not store together with: Food and feedingstuffs
- Do not store together with: Combustible substance
- Keep container tightly closed in a cool, well-ventilated place.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls

- Ensure there is sufficient ventilation

Individual protection measures, such as personal protective equipment

- Suitable eye protection: Dust protection eye glasses



- Suitable protective clothing: lab coat



- Tested protective gloves must be worn



Environmental exposure controls

- Further information: see technical data sheet.

SECTION 9: Physical and chemical properties

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9.1 - Information on basic physical and chemical properties

Physical state	Solid	Appearance	Powder
Colour	White	Odour	odourless
Odour threshold		No data available	
pH		10 < V < 10.8 (1% Solution)	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		No data available	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		Soluble in water.	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		No data available	

Particle characteristics

Particle size	No data available
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9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.
- Oxidiser: will readily oxidise other materials that come into contact with it.

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10.4 - Conditions to avoid

- Avoid direct sunlight.
- Avoid excessive heat for prolonged periods of time.
- Exposure to humidity and water.

10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Acute toxicity (oral) - Category 4 - Harmful if swallowed

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- No information available.

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Serious eye damage, Category 1 - Causes serious eye damage

- Risk of serious damage to eyes.
- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

- data lacking

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

SECTION 12: Ecological information

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12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	- Dispose of waste according to applicable legislation.
Sewage disposal	- No information available.
Special precautions for waste treatment	<ul style="list-style-type: none"> - Waste requires special monitoring. - Collect the waste separately. - Send to a hazardous waste incinerator facility under observation of official regulations. - The waste is to be kept separate from other types of waste until its disposal.

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Community or national or regional provisions : - No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR) : UN3378
UN number (RID) : Not applicable
UN number (ADN) : Not applicable
UN number (IMDG) : Not applicable
UN number (IATA) : Not applicable

14.2 - UN proper shipping name

UN proper shipping name (ADR) : SODIUM CARBONATE PEROXYHYDRATE

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 5.1
ADR Classification code: : O2
Pictograms



Pictograms

14.4 - Packing group

Packing group : III

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

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ADR

ADR Classification code:	:	O2
ADR Special provisions	:	
ADR Limited quantity (LQ)	:	5kg
ADR Excepted quantities	:	E1
ADR Packing instructions	:	P002 IBC08 LP02 R001
ADR Special packing provisions	:	B3
ADR Mixed packing provisions	:	MP10
Instructions for portable tanks and bulk containers	:	T1 BK
Special provisions for portable tanks and bulk containers	:	TP33
ADR tank code	:	SGAV
ADR tanks special provisions	:	TU3
Vehicle for tank carriage	:	AT
ADR Transport category	:	3
ADR Tunnel restriction code	:	E
ADR Special provisions loading, unloading and handling	:	CV24
Special provisions - Packages	:	
Special provisions - Bulk	:	VC1 VC2 AP6 AP7
Special provisions - Operation	:	
ADR Hazard identification number (Kemler No.)	:	50

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None
VOC content	No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	01/08/2022		

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
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