



DEEP BLUE

Perfumed Cleaner, Sanitiser and Descaler

- Quick & efficient cleaning action.
- Clings to vertical surfaces, allowing longer contact for better cleaning.
- Suitable for use on both porcelain & stainless steel.
- Long lasting deodorising perfume, leaves a clean, fresh fragrance.

Product Description:

DEEP BLUE is a multi-surface, thickened toilet & washroom bactericidal cleaner. DEEP BLUE removes limescale, body fat & general soiling from porcelain, stainless steel, chrome, ceramic & quarry tiles in toilets, washrooms & shower areas, leaving fittings bright and shining.

When DEEP BLUE is used on a regular basis it will help prevent the build-up of scale & also keep drains & outlet pipes free from offensive odour. It also kills a range of bacteria, eliminating germs and odours at source.

Directions and Dilutions:

Toilets and Urinals: Flush toilet or urinal. Force water around S bend with toilet brush. Apply undiluted & leave for a few minutes. Agitate with brush if necessary. Flush with clean water.

Sanitaryware: Apply undiluted. Wipe surface & rinse with clean water.

General Cleaning: Dilute 1:50 parts hot water (100mL per 5 litre) 3 x Pelican Pump or ½ cupful per 5lt. Mop or wipe surface.

Useful Information:

Product Characteristics: Clear blue viscous liquid with a floral odour

Storage: Store in original container away from oxidising material. Store in moderate temperatures in a well-ventilated area

Availability: Available in 2 x 5 litre boxes

Composition: Contains a blend of quaternary ammonium compound, non-ionic surfactants, perfume & dye.

For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.


SECTION 1: Identification of the substance/mixture and of the company / undertaking			
1.1 Product identifier		1.3 Details of the supplier of the safety data sheet	
Product name	Deep Blue	Company name	Sky Chemicals (UK) Ltd
Synonyms		Address	Unit 12 Sheffield Design Studios 40 Ball street, Sheffield S3 8DB
Other means of identification	DB	Telephone / Fax	0114 278 0222 / 0114 272 7750
1.2 Relevant identified uses, and uses advised against		Website	www.skychemicals.co.uk
Relevant identified uses	Toilet and Washroom Cleaner	Email	info@skychemicals.co.uk
Uses advised against	Use as directed	1.4 Emergency telephone number	
		Emergency number	0114 278 0222 (M-F 09:00-17:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to CLP	H315 Causes skin irritation. Skin Corrosion / Irritation Category 2 H318 Causes serious eye damage. Eye Damage / Irritation Category 1
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2.2 Label elements

Hazard pictograms	
Signal word	Danger
Hazard statements	H315 - Causes skin irritation. H318 - Causes serious eye damage. EUH208 - Contains Koavone (Astrone). May produce an allergic reaction.

Precautionary statement(s):

Prevention	P264 Wash hands and other contacted skin thoroughly after handling. P280 Wear protective gloves/eye protection/face protection.
Response	P302/352 IF ON SKIN: Wash with plenty of soap and water. P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332/313 If skin irritation occurs: Get medical advice/attention.

Storage

Disposal

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.1 Substances

See Section 3.2

3.2 Mixtures

Name	CAS No.	EC No.	Classification	Percent
Citric acid monohydrate	5949-29-1	201-069-1	H319 - Eye Damage / Irritation Category 2	5 - 10%
Alcohols C9-11, ethoxylated	68439-46-3	931-514-1 614-482-0	H302 - Acute Toxicity - Oral Category 4 H318 - Eye Damage / Irritation Category 1	1 - 5%
Alcohols, C12-13, branched and linear, ethoxylated	160901-19-9	931-954-4	H302 - Acute Toxicity - Oral Category 4 H318 - Eye Damage / Irritation Category 1 H412 - Hazardous to the Aquatic Environment - Long-term Hazard Category 3	1 - 5%
Benzyl-C12-14-alkyldimethylammonium chlorides	85409-22-9	939-350-2	H302 - Acute Toxicity - Oral Category 4 H314 - Skin Corrosion / Irritation Category 1B H400 - Hazardous to the Aquatic Environment - Acute Hazard Category 1	1 - 5%
Koavone (Astrone)	81786-75-6	279-825-5	H317 - Sensitization - Skin Category 1A H411 - Hazardous to the Aquatic Environment - Long-term Hazard Category 2	<0.1%

SECTION 4: First aid measures

4.1 Description of first aid measures

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

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Skin contact IF ON SKIN: Wash with plenty of soap and water.

Inhalation

Ingestion

4.2 Most important symptoms and effects, both acute and delayed

Eye contact Causes serious eye damage.

Skin contact Causes skin irritation.

Inhalation

Ingestion

4.3 Indication of any immediate medical attention and special treatment needed

Ingestion

Skin and Eye None expected, see Section 4.1 for further information.

Inhalation

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media Carbon dioxide, Dry chemical, Foam.

Unsuitable media

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products Carbon monoxide, Unidentified organic compounds

5.3 Advice for firefighters

Fire Fighting In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations. Small spills can be contained with paper towels.

6.4 Reference to other sections

Also refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Safe handling Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

Fire and explosion Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Other information

7.2 Conditions for safe storage, including any incompatibilities

Suitable storage Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Storage incompatibility

7.3 Specific end uses

Recommendations Toilet and Washroom Cleaning Fluid: Use in accordance with good manufacturing and industrial hygiene practices.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure controls

8.2.1 Engineering controls Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls.

8.2.2 Personal protection equipment:

Eye and face protection Wear protective gloves/eye protection/face protection

Skin protection Wear protective gloves/eye protection/face protection

Hands protection Wear protective gloves/eye protection/face protection

In conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel:

Respiratory protection

- Increase ventilation of the area with local exhaust ventilation.
- Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters.
- Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

8.2.3 Environmental exposure controls:

Dispose of contents/container to approved disposal site, in accordance with local regulations.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Blue viscous liquid	Physical state:	Liquid
Odour:	Floral fragrance	Flash point:	>61°C
pH:	3	pH (as solution):	n/a

9.2 Other information

None available

SECTION 10: Stability and Reactivity

10.1 Reactivity	Presents no significant reactivity hazard, by itself or in contact with water.
10.2 Chemical stability	Good stability under normal storage conditions.
10.3 Possibility of hazardous reactions	Not expected under normal conditions of use.
10.4 Conditions to avoid	Avoid extreme heat.
10.5 Incompatible materials	Avoid contact with strong acids, alkalis or oxidising agents.
10.6 Hazardous decomposition products	Not expected.

SECTION 11: Toxicological information

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

Acute toxicity	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation	Eye Damage / Irritation Category 1
Respiratory or skin sensitisation	Based on available data the classification criteria are not met.
Germ Cell mutagenicity	Based on available data the classification criteria are not met.
Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity	Based on available data the classification criteria are not met.
STOT-single exposure;	Based on available data the classification criteria are not met.
STOT-repeated exposure	Based on available data the classification criteria are not met.
Aspiration hazard	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture:

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE EC Inhalation	LC50 Route
Alcohols C9-11, ethoxylated	68439-46-3	931-514-1 614-482-0	500	Not available	Not available	Not available
Alcohols, C12-13, branched and linear, ethoxylated	160901-19-9	931-954-4	500	2000	Not available	Not available
Benzyl-C12-14-alkyldimethylammonium chlorides	85409-22-9	939-350-2	500	Not available	Not available	Not available

SECTION 12: Ecological information

12.1 Toxicity	Not available
12.2 Persistence and degradability	Not available
12.3 Bioaccumulative potential	Not available
12.4 Mobility in soil	Not available
12.5 PBT and vPvB assessment	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
12.6 Endocrine disrupting properties	Not available
12.7 Other adverse effects	Not available

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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product disposal Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment.

Packaging disposal Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport Information

14.1. UN number or ID number Not classified

14.2 UN proper shipping name Not classified

14.3 Transport hazard class(es) Not classified

14.4 Packing group Not classified

14.5 Environmental hazards Not environmentally hazardous for transport

14.6 Special precautions for user None

14.7 Maritime transport in bulk according to IMO instruments Not classified

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Water Hazard Class (WGK): 2

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other information

Date of issue:	23rd April 2024	Version number:	2024/04
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Concentration % Limits: Skin Corr. 2 = 79.92%, Eye Dam. 1 = 47.99%, Eye Dam. 2 = 14.81%

Total Fractional Values: Skin Corr. 2 = 1.25, Eye Dam. 1 = 2.08, Eye Dam. 2 = 6.75

Abbreviations

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	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 doctor/physician.
P330	Rinse mouth.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.