

SAFETY DATA SHEET

### **Misty Blue Toilet Cleaner & Descaler**

# SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Misty Blue Toilet Cleaner & Descaler

Product no.: 62300

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

Relevant identified uses of the substance or mixture: Cleaning product

Restricted to professional users.

Use descriptors (UK REACH):

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC 35	Washing and Cleaning Products (including solvent based products)

Uses advised against: Uses other than those identified are not

recommended

1.3. Details of the supplier of the safety data sheet

Company and address: Distinct Disposables Ltd

Units 3 & 4 Meltham Road Lockwood

HD4 7BH Huddersfield

01484 854518 01484 852007

E-mail: info@distinctdisposables.co.uk

*Revision:* 17/01/2024

SDS Version: 2.0

Date of previous version: 07/12/2023 (2.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).



See section 4 "First aid measures".

#### **SECTION 2: HAZARDS IDENTIFICATION**

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

#### 2.

		3
2.	Label elements	
	Hazard pictogram(s):	
	Signal word:	Danger
	Hazard statement(s):	Causes severe skin burns and eye damage. (H314)
	Precautionary statement(s):	
	General:	-
	Prevention:	Do not breathe vapour/mist. (P260) Wear eye protection/protective gloves/protective clothing. (P280)
	Response:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . (P303+P361+P353) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) Immediately call a POISON CENTER/doctor. (P310)
	Storage:	-

Disposal: Dispose of contents/container in accordance

with local regulation (P501)

Hazardous substances: None known. Additional labelling: Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:

< 5%

· Amphoteric surfactants · Anionic surfactants

· Perfumes

#### 2.3. Other hazards

Additional warnings: This mixture/product does not contain any



substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Citric acid	CAS No.: 77-92-9 EC No.: 201-069-1 UK-REACH: Index No.:	10-15%	Eye Irrit. 2, H319	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	[19]
1-Propanaminium, 3- amino-N- (carboxymethyl)-N,N- dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts	CAS No.: 97862-59-4 EC No.: 308-107-7 UK-REACH: Index No.:	1-3%	Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Diphenyl ether	CAS No.: 101-84-8 EC No.: 202-981-2 UK-REACH: Index No.:	<0.01%	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[1]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.



[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

#### **SECTION 4: FIRST AID MEASURES**

#### 4.1. **Description of first aid measures** General information: In the case of accident: Contact a doctor or casualty department - take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink. Inhalation: Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her. Skin contact: Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance. If in eyes: Flush eyes with plenty of water or Eye contact:

salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into

recovery position. Call an ambulance.

*Ingestion:* 



Burns: Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

#### **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous

decomposition compounds are produced. These are:

Halogenated compounds

Carbon oxides (CO / CO2)

Some metal oxides

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2X

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. Keep unauthorized persons away from the spill

#### 6.3. Methods and material for containment and cleaning up



Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

#### **SECTION 7: HANDLING AND STORAGE**

#### 7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Keep only in original packaging.

Storage temperature: Dry, cool and well ventilated

*Incompatible materials:* Bases

Strong oxidizing agents

#### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Diphenyl ether

Long term exposure limit (8 hours) (ppm): 1 Long term exposure limit (8 hours) (mg/m³): 7 Short term exposure limit (15 minutes) (ppm): 2 Short term exposure limit (15 minutes) (mg/m³): 14

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

#### **DNEL**

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts

Duration:	Route of exposure:	DNEL:



Long term – Systemic effects - General population	Dermal	7.5 mg/kg bw/day
Long term – Systemic effects - Workers		12.5 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	13.04 mg/m³
Long term – Systemic effects - Workers	Inhalation	44 mg/m³
Long term – Systemic effects - General population	Oral	7.5 mg/kg bw/day

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	79 μg/cm²
Long term – Local effects - Workers	Dermal	132 μg/cm²
Long term – Systemic effects - General population	Dermal	1650 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2750 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	52 mg/m³
Long term – Systemic effects - Workers	Inhalation	175 mg/m³
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day

Diphenyl ether

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	25 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	7 mg/m³
Long term – Systemic effects - Workers	Inhalation	59 mg/m³
Short term – Local effects - Workers	Inhalation	14 mg/m³

#### **PNEC**

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		13.5 μg/L
Freshwater sediment		11.1 mg/kg
Marine water		1.35 μg/L
Marine water sediment		1.11 mg/kg
Sewage treatment plant		3 g/L
Soil		850 μg/kg

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		240 μg/L



Freshwater sediment	916.8 µg/kg
Intermittent release (freshwater)	71 μg/L
Marine water	24 μg/L
Marine water sediment	91.7 μg/kg
Sewage treatment plant	10 g/L
Soil	7.5 mg/kg

Diphenyl ether

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		455 ng/L
Freshwater sediment		92.6 μg/kg
Intermittent release (freshwater)		4.55 μg/L
Marine water		45.5 ng/L
Marine water sediment		9.26 μg/kg
Sewage treatment plant		10 mg/L
Soil		18.3 µg/kg

#### 8.2. ▼ Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations: Smoking, drinking and consumption of food

is not allowed in the work area.

Exposure scenarios: There are no exposure scenarios

implemented for this product.

Exposure limits: Professional users are subjected to the

legally set maximum concentrations for occupational exposure. See occupational

hygiene limit values above.

Appropriate technical measures: The formation of vapours must be kept at a

minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the

product. Avoid inhalation of vapours.

▼ *Hygiene measures:* In between use of the product and at the end

of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and



face.

Measures to avoid environmental exposure: Keep damming materials near the workplace.

If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment

Generally: Wash contaminated clothing before reuse.

Use only UKCA marked protective

equipment.

Respiratory Equipment:

Туре	Class	Colour	Standards	
Ensure there is sufficient ventilation.				

Skin protection:

Recommended	Type/Category	Standards	
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	-	-	R

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	> 360	EN374	

*Eye protection:* 

Туре	Standards	
Safety glasses	EN166	

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### 9.1. Information on basic physical and chemical properties

Physical state: Gel

Colour: Blue

Odour / Odour threshold: Of perfume pH: 1.0 - 2.0 Density ( $q/cm^3$ ): 1.05



Kinematic viscosity: Testing not relevant or not possible due to

the nature of the product.

Particle characteristics: Does not apply to liquids.

**Phase changes** 

Melting point/Freezing point (°C): Testing not relevant or not possible due to

the nature of the product.

Softening point/range (waxes and pastes) (°C): Does not apply to liquids.

Boiling point (°C): Testing not relevant or not possible due to

the nature of the product.

Vapour pressure: Testing not relevant or not possible due to

the nature of the product.

Relative vapour density: Testing not relevant or not possible due to

the nature of the product.

Decomposition temperature (°C): Testing not relevant or not possible due to

the nature of the product.

Data on fire and explosion hazards

Flash point (°C): Testing not relevant or not possible due to

the nature of the product.

Flammability (°C): Testing not relevant or not possible due to

the nature of the product.

*Auto-ignition temperature (°C):* Testing not relevant or not possible due to

the nature of the product.

Lower and upper explosion limit (% v/v): Testing not relevant or not possible due to

the nature of the product.

Solubility

Solubility in water: Very soluble

*n-octanol/water coefficient (LogKow):* Testing not relevant or not possible due to

the nature of the product.

Solubility in fat (g/L): Testing not relevant or not possible due to

the nature of the product.

9.2. Other information

Oxidizing properties: Testing not relevant or not possible due to

the nature of the product.

Other physical and chemical parameters: No data available.

#### **SECTION 10: STABILITY AND REACTIVITY**

#### 10.1. Reactivity

No data available.



#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

**Bases** 

Strong oxidizing agents

#### 10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Causes severe skin burns and eye damage.

#### Serious eye damage/irritation

Causes serious eye damage.

#### **Respiratory sensitisation**

Based on available data, the classification criteria are not met.

#### 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.

#### 11.2. Information on other hazards



#### Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

#### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

None known.

#### **SECTION 12: ECOLOGICAL INFORMATION**

#### 12.1. Toxicity

No data available.

#### 12.2. 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

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

None known.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **Waste treatment methods**

Product is covered by the regulations on hazardous waste.

HP 8 - Corrosive

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.



#### **EWC** code

Not applicable.

#### Specific labelling

#### **Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

#### **SECTION 14: TRANSPORT INFORMATION**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3	III	No	Limited quantities: 5 L EmS: F-A S-B See below for additional information.
IATA	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3	III	No	See below for additional information.

<sup>\*</sup> Packing group

#### **Additional information**

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

<sup>\*\*</sup> Environmental hazards



IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2X

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

#### **SECTION 15: REGULATORY INFORMATION**

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

Restrictions for application: Restricted to professional users.

People under the age of 18 shall not be

exposed to this product.

< 5%

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances: Not applicable.

Labelling of contents according to Detergents

Regulation (EC) No 648/2004 as retained and

amended in UK law: • Amphoteric surfactants

· Anionic surfactants · Perfumes

Additional information: The surfactant(s) contained in this

preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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.

Sources: The Management of Health and Safety at

Work Regulations 1999.

Regulation (EC) No 648/2004 on detergents

as retained and amended in UK law. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and

amended in UK law.

Regulation (EC) No 1272/2008 on

classification, labelling and packaging of substances and mixtures (CLP) as retained

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and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

#### **SECTION 16: OTHER INFORMATION**

#### Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

H412, Harmful to aquatic life with long lasting effects.

#### The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

PC 35 = Washing and Cleaning Products (including solvent based products)

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient



MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

**UN = United Nations** 

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### ▼ The safety data sheet is validated by

**Anglian Chemicals** 

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en