

CITOSOL

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

Issue date: 17/06/2015 Revision date: 19/05/2025 Supersedes: 15/09/2021 Version: 1.3

SDS No: 11458-0014

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

1.1. Product identifier

Product form : Mixture
Product name : CITOSOL

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaning agent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Distributor

CITO-SYSTEM GmbH Haimendorfer Straße 37 + 46 90571 Schwaig T +49 (0)911/95885-0 - F +49 (0)911/95885-50

info@cito.de - www.cito.de

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.4. Emergency telephone number

Emergency number : INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
Skin corrosion/irritation, Category 2 H315
Skin sensitisation, Category 1 H317
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

Adverse physicochemical, human health and environmental effects

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

Flammable liquid and vapour. May cause drowsiness or dizziness. Causes skin irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways. 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)





Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

Signal word (GB CLP) : Danger

Contains : 1-methoxy-2-propanol; Propan-2-ol; Orange, sweet, ext.

Hazard statements (GB CLP) : H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H336 - May cause drowsiness or dizziness.

GHS07

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GB CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

GHS02

P261 - Avoid breathing spray, vapours, mist.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

GHS08

P312 - Call doctor, a POISON CENTER if you feel unwell.

P331 - Do NOT induce vomiting.

P501 - Dispose of contents and container to in accordance with local and national

regulations.

2.3. Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP at a concentration equal to or greater than 0,1%.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Mixture of the substances listed below with nonhazardous additives

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
1-methoxy-2-propanol	CAS-No.: 107-98-2 EC-No.: 203-539-1	≥ 65 – < 70	Flam. Liq. 3, H226 STOT SE 3, H336
Orange, sweet, ext.	CAS-No.: 8028-48-6 EC-No.: 232-433-8	≥ 30 - < 35	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Propan-2-ol	CAS-No.: 67-63-0 EC-No.: 200-661-7	≥ 3 - < 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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



Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

SECTION 4: First aid measures

4.1. Description of first aid measures

: Call a physician immediately. First-aid measures general

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

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin

irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eves with water as a precaution.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact May cause slight irritation to eyes.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Aspiration hazard.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Carbon dioxide. Alcohol-resistant foam. Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : Product is not explosive. Explosive vapour/air mixtures may be formed.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Cool endangered containers with water spray jet.

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

protective equipment, including respiratory protection. Contain the extinguishing fluids by bunding. Do not allow run-off from fire fighting to enter drains or water courses.

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 : Stop leak if safe to do so. 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. No open flames, no sparks, and no smoking. Avoid breathing spray,

Vapours, gas, mist. Avoid contact with skin and eyes.



Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. SDS No: 11458-0014

6.1.2. For emergency responders

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

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

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up Take up liquid spill into absorbent material. Notify authorities if product enters sewers or

public waters.

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

> smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing spray, Vapours,

gas, mist. Avoid contact with skin and eyes.

Hygiene measures Wash contaminated clothing before reuse. Contaminated work clothing should not be

allowed out of the workplace. 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 : Ground/bond container and receiving equipment.

Storage conditions Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

Information on mixed storage Keep away from food, drink and animal feeding stuffs.

Packaging materials Store always product in container of same material as original container.

7.3. Specific end use(s)

Heat and ignition sources

See Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values



Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. SDS No: 11458-0014

1-methoxy-2-propanol (107-98-2)		
United Kingdom - Occupational Exposure Limits		
Local name	1-Methoxypropan-2-ol	
WEL TWA (OEL TWA)	375 mg/m³	
	100 ppm	
WEL STEL (OEL STEL)	560 mg/m³	
	150 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
WEL chemical category	Potential for cutaneous absorption	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Propan-2-ol (67-63-0)		
United Kingdom - Occupational Exposure Limits		
Local name	Propan-2-ol	
WEL TWA (OEL TWA)	999 mg/m³	
	400 ppm	
WEL STEL (OEL STEL)	1250 mg/m³	
	500 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	A specific exposure sampling method is not available.
Biological monitoring methods	A specific exposure sampling method is not 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

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.



CITOSOL

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

8.2.2.1. Eye and face protection

Eye protection			
Туре	Field of application	Characteristics	Standard
Protective goggles (EN 166)	Liquid splashes may occur		EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	Filter type	Condition	Standard
filtering face piece	Type A - High-boiling (>65 °C) organic compounds	In case of inadequate ventilation wear	EN 14387

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 : Liquid Appearance : Liquid. Colour Colourless Odour Fruity Odour threshold : Not available : Not available Melting point : Not available Freezing point : Not available Boiling point : Not available : 27 °C Flash point : 1.7 vol % Lower explosive limit (LEL) : Not available Upper explosive limit (UEL) : Not available Vapour pressure Vapour pressure at 50°C : Not available : Not available Relative vapour density at 20°C Relative density : Not available Density : 0.8 g/l Solubility : Not available



CITOSOL

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

Partition coefficient n-octanol/water (Log Kow) : Not available
Auto-ignition temperature : > 270 °C
Decomposition temperature : Not available
Viscosity, kinematic : < 20.5 mm²/s
Explosive properties : Not available

9.2. Other information

VOC content : > 90 %
Particle characteristics : Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

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)

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

1-methoxy-2-propanol (107-98-2)	
LD50 oral	5900 mg/kg
LD50 dermal	13000 mg/kg
Propan-2-ol (67-63-0)	
LD50 oral rat	5.84 g/kg (OECD 401 method)
LD50 dermal rabbit	16.4 ml/kg (OECD 402 method)
LD50 dermal	12870 mg/kg
LC50 Inhalation - Rat [ppm]	> 10000 ppm (OECD 403 method)



Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : May cause an allergic skin reaction.

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 May cause drowsiness or dizziness.

STOT-repeated exposure Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : May be fatal if swallowed and enters airways.

Other information

Endocrine disrupting properties

No additional information available

Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

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

: Harmful to aquatic life with long lasting effects.

CITOSOL		
EC50 Daphnia 1	51 mg/l OECD 202	
EC50 72h - Algae [1]	> 100 mg/l OECD 201	
Propan-2-ol (67-63-0)		
LC50 fish 1	9640 mg/l Pimephales promelas - (OECD 203 method)	
EC50 Daphnia 1	> 10000 mg/l Daphnia magna (Water flea) - (OECD 202 method)	
ErC50 algae	1000 mg/l	
NOEC chronic crustacea	100 mg/l	

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available



Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

12.5. Results of PBT and vPvB assessment

CITOSOL	
	Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0,1%.
	Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0,1%.

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Additional information

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Packaging that is not properly emptied must be disposed of as the unused product.

: Flammable vapours may accumulate in the container.

European List of Waste (LoW, EC 2000/532) : 07 07 04* - other organic solvents, washing liquids and mother liquors

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1993				
14.2. UN proper shippin	g name			
FLAMMABLE LIQUID, N.O.S. (CONTAINS : 1- methoxy-2-propanol)	FLAMMABLE LIQUID, N.O.S. (CONTAINS : 1- methoxy-2-propanol)	Flammable liquid, n.o.s. (CONTAINS : 1-methoxy-2- propanol)	FLAMMABLE LIQUID, N.O.S. (CONTAINS : 1- methoxy-2-propanol)	FLAMMABLE LIQUID, N.O.S. (CONTAINS : 1- methoxy-2-propanol)
14.3. Transport hazard of	class(es)			
3	3	3	3	3
3	3	3	3	
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: False	Dangerous for the environment: False Marine pollutant: No	Dangerous for the environment: False	Dangerous for the environment: False	Dangerous for the environment: False
No supplementary information available				



CITOSOL

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. SDS No: 11458-0014

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 274, 601
Limited quantities (ADR) : 51
Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 30

Orange plates :

30 1993

Tunnel restriction code (ADR) : D/E EAC code : •3Y

Transport by sea

Special provisions (IMDG) : 223, 274, 955

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : LP01, P001

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP1, TP29

Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1 : Y344 PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) : 10L PCA packing instructions (IATA) : 355 PCA max net quantity (IATA) : 60L CAO packing instructions (IATA) : 366 CAO max net quantity (IATA) : 220L Special provisions (IATA) : A3 ERG code (IATA) 3L

Inland waterway transport

Classification code (ADN) : F1 Special provisions (ADN) : 274, 601 Limited quantities (ADN) : 5 L Excepted quantities (ADN) : E1 Carriage permitted (ADN) Τ Equipment required (ADN) : PP, EX, A Ventilation (ADN) : VE01 Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 274, 601
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001



Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

SDS No: 11458-0014

Transport category (RID) : 3 Hazard identification number (RID) : 30

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

UK REACH Annex XVII (Restriction List)

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC) above the 0.1% level of disclosure

Seveso Directive (Disaster Risk Reduction)

Seveso III Part I (Categories of dangerous substances)	of dangerous substances) Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5c FLAMMABLE LIQUIDS	5000	50000
Flammable liquids, Categories 2 or 3 not covered by P5a and P5b		

GB PIC regulation (Prior Informed Conset)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation (EU) 2019/1021 on persistent organic pollutants)

Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure

This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

15.1.2. Other Information

VOC content : > 90 %

15.2. Chemical safety assessment

No additional information available



CITOSOL

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. SDS No: 11458-0014

SECTION 16: Other information

Abbreviations and acronyms:		
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	
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	
SDS	Safety Data Sheet	
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	
ED	Endocrine disruptor	
ACGIH	American Conference of Government Industrial Hygienists	
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	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
CSA	Chemical safety assessment	
EWC	European waste catalogue	
IARC	International Agency for Research on Cancer	



Safety Data Sheet

- According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. SDS No: 11458-0014

Abbreviations and acronyms:		
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
Log Kow	Partition coefficient n-octanol/water (Log Kow)	
Log Pow	Partition coefficient n-octanol/water (Log Pow)	
MAK	maximum workplace concentration	
OSHA	Occupational Safety & Health Administration	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
PPE	Personal protection equipment	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
TF	Technical function	
TWA	Time Weighted Average	
UFI	Unique Formula Identifier	
vPvB	Very Persistent and Very Bioaccumulative	
ADG	Transport of Australian Dangerous Goods	
DOT	Department of Transport	
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals	
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk	
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
TDG	Transportation of Dangerous Goods	

Other information

: Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Full text of H- and EUH-statements:			
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2		
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3		
Asp. Tox. 1	Aspiration hazard, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
Flam. Liq. 2	Flammable liquids, Category 2		
Flam. Liq. 3	Flammable liquids, Category 3		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		



CITOSOL

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. SDS No: 11458-0014

Full text of H- and EUH-statements:			
Skin Sens. 1	Skin sensitisation, Category 1		
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis		
H225	Highly flammable liquid and vapour.		
H226	Flammable liquid and vapour.		
H304	May be fatal if swallowed and enters airways.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H336	May cause drowsiness or dizziness.		
H411	Toxic to aquatic life with long lasting effects.		
H412	Harmful to aquatic life with long lasting effects.		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Flam. Liq. 3	H226	On basis of test data	
Skin Irrit. 2	H315	Calculation method	
Skin Sens. 1	H317	Calculation method	
STOT SE 3	H336	Calculation method	
Asp. Tox. 1	H304	Calculation method	
Aquatic Chronic 3	H412		

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 therefore not be construed as guaranteeing any specific property of the product.