

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 - Product identifier**

Product name	Cytali Powder
UFI	EMM9-9S7A-3NOH-SYX8
Product code	CTG6 (within MJZ000 & MJZ015)
Product description	6g of water soluble powder in white tearable sachet

**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

**1.2.2 - Uses advised against**

Restrictions on use	Not for Oral Consumption, Not for Direct Application to Food Stuffs
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**1.3 - Details of the supplier of the safety data sheet****Manufacturer**

**GV Health Ltd.**  
Hall House, 2 Arlington Court, Whittle Way, Arlington Business Park, Stevenage,  
Hertfordshire, SG1 2FS, UK  
T: +44(0)1920 463098 | [info@gvhealth.com](mailto:info@gvhealth.com)  
[www.gvhealth.com](http://www.gvhealth.com)

**1.4 - Emergency telephone number**

Emergency number	For Immediate first aid advice in the UK call 111. This product is registered with NPIS in the UK.
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**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
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.

**2.2 - Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]****Hazard pictograms (CLP)**

GHS07

Signal word (CLP)	Warning
Hazard statements (CLP)	H315 - Causes skin irritation. H319 - Causes serious eye irritation. P102 - Keep out of reach of children.
Precautionary statements (CLP)	P264 - Wash skin thoroughly after handling. P280 - Wear eye protection. 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.

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According to GB and EU REACH and CLP Regulations

P402 - Store in a dry place.

P501 - Dispose of contents and container to National Regulations.

### 2.3 - Other hazards

This product does not contain any substances classified as PBT.

This product does not contain any substances classified as vPvB.

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations
Sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498-19	$\geq 30 - < 50$	Eye Irrit. 2, H319
$\beta$ -Alanine, N-(2-carboxyethyl)-,N-coc alkyl derivs., Disodium Salt	CAS-No.: 90170-43-7 EC-No.: 290-476-8 REACH-no: 01-2119976233-35	$\geq 20 - < 30$	Eye Irrit. 2, H319
Sulphamidic acid; Sulphamic acid; Sulfamic acid	CAS-No.: 5329-14-6 EC-No.: 226-218-8 EC Index-No.: 016-026-00-0	$\geq 20 - < 30$	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Reaction product of Benzene sulphonic acid, C10-C14 SEC ALKYL DERIVS and Benzene sulphonic acid 4 methyl and Sodium hydroxide	EC-No.: 932-051-8	$\geq 2 - < 3$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6	$\geq 0.5 - < 1.5$	Skin Corr. 1A, H314

### Specific concentration limits

Name	Product identifier	Specific concentration limits
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6	( $0.5 \geq C < 2$ ) Skin Irrit. 2, H315 ( $0.5 \geq C < 2$ ) Eye Irrit. 2, H319 ( $2 \geq C < 5$ ) Skin Corr. 1 B, H314 ( $5 \geq C < 100$ ) Skin Corr. 1A, H314

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

## 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 is 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.

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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 irritation to eyes. Dilute solutions are unclassified, but may cause transient irritation. Eye contact should be treated as above.
Symptoms/effects after inhalation	Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore throat.
Symptoms/effects after skin contact	Causes skin irritation.
Symptoms/effects after eye contact	Eye irritation.
Symptoms/effects after ingestion	Unlikely route of exposure without deliberate 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.

## SECTION 5: Firefighting measures

### 5.1 - Extinguishing media

Suitable extinguishing media	Use extinguishing agent suitable for surrounding fire.
Unsuitable extinguishing media	Water.

### 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.
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## 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. Avoid contact with skin and eyes. Ventilate spillage area.
Emergency procedures	

#### 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".
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### 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 relevant Environment Agency.

### 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 labeling to identify the material and hazards. For disposal see section 13 of this SDS.
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## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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 Hygiene measures

Carefully comply with the instructions for use. Avoid contact with eyes. Always wash hands after handling the product.

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

Technical measures

It is essential that sachets are stored in original packaging in a dry non humid area.

Storage conditions

Store in a dry place. Store in a closed container.

### 7.3 - Specific end use(s)

This product is suitable for use for cleaning hard surfaces such as floors and walls. It is compatible with common materials of construction but contact with unsealed wood and Perspex type plastics should be avoided. Although normal use solutions are unclassified, use of eye, hand and foot protection is recommended.

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

#### 8.1.1 - National occupational exposure and biological limit values

#### CYALI POWDER

##### United Kingdom - Occupational Exposure Limits

Remark

Note general inhalable dust WEL of 10mg/m<sup>3</sup> (TWA) and respirable dust WEL of 4mg/m<sup>3</sup>.

#### Sodium Hydroxide (1310-73-2)

##### United Kingdom - Occupational Exposure Limits

Local name

Sodium hydroxide

WEL TWA (OEL TWA) [1]

≥ 2 mg/m<sup>3</sup>

WEL STEL (OEL STEL)

2 mg/m<sup>3</sup>

Regulatory reference

UK (HSE EH40/2005 (Fourth edition, 2020 Publication))

#### 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

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

# CYALI POWDER (CTG6)

## Safety Data Sheet

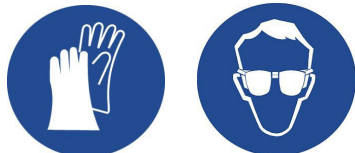
According to GB and EU REACH and CLP Regulations

### 8.2.2 - Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses.

#### Personal protective equipment symbol(s):



#### 8.2.2.1 - Eye and face protection

##### Eye protection:

Safety glasses. In normal use eye protection is not required. During manufacture and packing operations, eye protection is recommended. 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

##### 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

#### Environmental exposure controls:

Avoid large scale release of undiluted material to the environment.

#### Other information:

The PPE indicated in this SOS 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.
Odour	Fresh.
Odour threshold	No data available
pH	9.5-10.5@ 1%v/v
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 flammable.
Vapour pressure	Not applicable.
Relative vapour density at 20°C	Not applicable.
Relative density	Not applicable.
Density	0.6-0.8 g/cm <sup>3</sup> Completely
Solubility	soluble in water. No data
Partition coefficient n-octanol/water (Log Pow)	available.
Viscosity, kinematic	Not applicable.
Viscosity, dynamic	No data available.

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## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Explosive properties	Product is not explosive.
Oxidising properties	Not oxidising.
Explosive limits	Not applicable.

### 9.2 Other information

VOC content	Contains no VOCs
Volatility	Non-Volatile

## 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. Do not mix with other chemicals.

### 10.3 - Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4 - Conditions to avoid

Store away from moisture in a closed container.

### 10.5 - Incompatible materials

Strong acids. Oxidising agents. 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.

## 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

### Alanine, N-(2-carboxyethyl)-,N-coco alkyl derivs., Disodium Salt (90170-43-7)

LD50 oral rat	≈ 2000 mg/kg
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### REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

LD50 oral rat	≥ 3346 mg/kg bodyweight, Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503
LD50 dermal rat	> 2000 mg/kg bodyweight, Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
Skin corrosion/irritation	Causes skin irritation. pH: 9.5 - 10.5 @ 1%v/v
Serious eye damage/irritation	Causes serious eye irritation. pH: 9.5 - 10.5 @ 1%v/v
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	This mixture is not classified as a carcinogen.
Reproductive toxicity	This mixture has no reproductive/foetal harm classifications and is not expected to be a risk to expectant mothers.

# CYALI POWDER (CTG6)

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

### **CYALI POWDER**

Viscosity, kinematic	Not applicable
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### **Sodium carbonate (497-19-8)**

Viscosity, kinematic	Not applicable
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### **REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE**

Viscosity, kinematic	Not applicable
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## **SECTION 12: Ecological information**

### **12.1 - Toxicity**

Ecology - general	Normal use solutions of this product are not classified for environmental harm.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified.
Not rapidly degradable	

### **REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE**

EC50 - Crustacea [1]	8.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	25 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d'

### **12.2 - Persistence and degradability**

#### **CYALI POWDER**

Persistence and degradability	The Surfactants and Chelants used in this mixture are Biodegradable.
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### **12.3 - Bioaccumulative potential**

#### **CYALI POWDER**

Bioaccumulative potential	Not expected to Bioaccumulate.
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### **12.4 - Mobility in soil**

#### **CYALI POWDER**

Additional information	Soluble in water
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### **12.5 - Results of PST and vPvB assessment**

#### **CYALI POWDER**

This product does not contain any substances classified as PBT

# CYALI POWDER (CTG6)

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

### CYALI POWDER

This product does not contain any substances classified as vPvB.

#### 12.6 - Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1 - Waste treatment methods

Waste treatment methods

Sewage disposal recommendations

Disposal of this product must comply with local and national environmental legislation.

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
<b>14.1 - UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2 - UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3 - Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4 - Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5 - Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

No supplementary information available

#### 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



# CYALI POWDER (CTG6)

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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### SECTION 15: Regulatory information

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

##### 15.1.1 - EU-Regulations

###### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

###### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

###### POP Regulation (Persistent Organic Pollutants)

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

###### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

###### VOC Directive (2004/42)

VOC content              Contains no VOCs

###### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

###### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

##### 15.1.2 - National regulations

GB REACH and CLP regulations.

UK HSE EH40 Publication.

#### 15.2 - Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Indication of changes:

Inclusion of EU UFI code and additional comments in section 7.

#### Abbreviations and acronyms:

AON	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

# CYTALI POWDER (CTG6)

## Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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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
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
GAS-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 Dam. 1 Eye	Serious eye damage/eye irritation, Category 1
Irrit. 2	Serious eye damage/eye irritation, Category 2
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet (SDS), EU

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