

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : Gluetex  
Revision date : 28.06.2017  
Print date : 17-04-2018

Version (Revision) : 3.0.0 (2.0.0)

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

**1.1 Product identifier**

Gluetex

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

Washing and cleaning products (including solvent based products)

**1.3 Details of the supplier of the safety data sheet**

**Supplier (manufacturer/importer/only representative/downstream user/distributor)**

Bit Hotmelt Technology

**Street :** Kastanjeweg 7 (Industrieterrein Tappersheul)

**Postal code/city :** 3421 TD Oudewater

**Telephone :** +31 (0) 348 - 563839

**Information contact :** info@bithotmelt.com

**1.4 Emergency telephone number**

+31 (0) 348 - 563839

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

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

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

**2.2 Label elements**

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

**Hazard pictograms**



Corrosion (GHS05)

**Signal word**

Danger

**Hazard components for labelling**

DISODIUM METASILICATE ; CAS No. : 6834-92-0

SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; CAS No. : 97489-15-1

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P310 Immediately call a POISON CENTER or doctor/ physician.

P321 Specific treatment (see instructions on this label).

P405 Store locked up.

**2.3 Other hazards**

None

**SECTION 3: Composition/information on ingredients**

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## 3.2 Mixtures

### Description

Aqueous blend of detergents, chlorophyll, water softeners, alkaline components such as natural pure soda

### Hazardous ingredients

NATRIUMXYLEENSULFONAAAT ; REACH registration No. : 01-2119513350-56 ; EC No. : 215-090-9; CAS No. : 1300-72-7

Weight fraction :  $\geq 2,5 - < 10$  %

Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

DISODIUM METASILICATE ; REACH registration No. : 01-2119449811-37 ; EC No. : 229-912-9; CAS No. : 6834-92-0

Weight fraction :  $\geq 2,5 - < 3$  %

Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 STOT SE 3 ; H335

SODIUM CARBONATE ; REACH registration No. : 01-2119485498-19 ; EC No. : 207-838-8; CAS No. : 497-19-8

Weight fraction :  $\geq 1 - < 2,5$  %

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; REACH registration No. : 01-2119489924-20 ; EC No. : 307-055-2; CAS No. : 97489-15-1

Weight fraction :  $\geq 1 - < 2,5$  %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412

### Additional information

Full text of H- and EUH-phrases: see section 16.

## 3.3 Components according to regulation (EG) Nr. 648/2004

anionic surfactants < 5 %

non-ionic surfactants < 5 %

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

#### Following inhalation

Provide fresh air.

#### In case of skin contact

Wash immediately with: Water

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

#### Self-protection of the first aider

First aider: Pay attention to self-protection!

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn.

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

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None

## 5.3 Advice for firefighters

### Special protective equipment for firefighters

Wear full chemical protective clothing.

## SECTION 6: Accidental release measures

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

Use personal protection equipment. Provide adequate ventilation. See protective measures under point 7 and 8.

### 6.2 Environmental precautions

Dilute with plenty of water.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Clean contaminated articles and floor according to the environmental legislation.

### 6.4 Reference to other sections

None

### 6.5 Additional information

Clear spills immediately.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling



#### Protective measures

It is recommended to design all work processes always so that the following is excluded: Skin contact Eye contact

#### Measures to prevent fire

The product is not: Combustible

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

Keep/Store only in original container. Keep container tightly closed. Materials to avoid Strong acid

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment



#### Eye/face protection

Eye glasses with side protection

#### Skin protection

##### Hand protection

Suitable gloves type : DIN EN 374

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**Suitable material** : Butyl caoutchouc (butyl rubber) Butyl/ Viton. NBR (Nitrile rubber) NR (natural rubber, natural latex) PE (polyethylene)

**Required properties** : liquid-tight.

**Breakthrough time (maximum wearing time)** : >480 min

**Thickness of the glove material** : 0,5 mm

## Respiratory protection

Usually no personal respirative protection necessary.

## General health and safety measures

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance** : liquid

**Colour** : light green

**Odour** : odourless

#### Safety relevant basis data

<b>Freezing point</b> :	( 1013 hPa )	approx.	0	°C
<b>Initial boiling point and boiling range</b> :	( 1013 hPa )	approx.	100	°C
<b>Decomposition temperature</b> :	( 1013 hPa )		No data available	
<b>Flash point</b> :			not applicable	
<b>Ignition temperature</b> :			not applicable	
<b>Lower explosion limit</b> :			not applicable	
<b>Upper explosion limit</b> :			not applicable	
<b>Vapour Pressure</b> :	( 20 °C )		No data available	
<b>Density</b> :	( 20 °C )		1,06	g/cm <sup>3</sup>
<b>Water solubility</b> :	( 20 °C )		100	Wt %
<b>pH</b> :			13	
<b>log P O/W</b> :			No data available	
<b>Flow time</b> :	( 20 °C )		No data available	DIN-cup 4 mm
<b>Viscosity</b> :	( 20 °C )			mPa.s
<b>Odour threshold</b> :			No data available	
<b>Relative vapour density</b> :	( 20 °C )		No data available	
<b>Evaporation rate</b> :			No data available	
<b>Oxidising liquids</b> :		Not applicable.		
<b>Explosive properties</b> :		Not applicable.		

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

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Acid

**10.6 Hazardous decomposition products**

No information available.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute effects**

**Acute oral toxicity**

Parameter : LD50 ( SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; CAS No. : 97489-15-1 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 500 - 2000 mg/kg

**Acute dermal toxicity**

Parameter : LD50 ( SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; CAS No. : 97489-15-1 )  
Exposure route : Dermal  
Species : Rabbit  
Effective dose : > 2000 mg/kg

**Acute inhalation toxicity**

Parameter : ATE ( DISODIUM METASILICATE ; CAS No. : 6834-92-0 )  
Exposure route : Inhalative (dust, mist)  
Effective dose : 5,06 mg/kg  
Parameter : LC50 ( DISODIUM METASILICATE ; CAS No. : 6834-92-0 )  
Exposure route : Inhalative (dust, mist)  
Species : Rat  
Effective dose : 5,06 mg/l  
Parameter : LC50 ( SODIUM CARBONATE ; CAS No. : 497-19-8 )  
Exposure route : Inhalative (dust, mist)  
Species : Rat  
Effective dose : 2300 mg/l

**Repeated dose toxicity (subacute, subchronic, chronic)**

**Subacute oral toxicity**

Parameter : NOAEL(C) ( DISODIUM METASILICATE ; CAS No. : 6834-92-0 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 227 mg/kg

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Reproductive toxicity**

**Adverse effects on developmental toxicity**

Parameter : NOAEL(C) ( DISODIUM METASILICATE ; CAS No. : 6834-92-0 )  
Exposure route : Adverse effects on developmental toxicity  
Species : Mouse  
Effective dose : > 200 mg/kg

**Effects on or via lactation**

Parameter : NOAEL(C) ( DISODIUM METASILICATE ; CAS No. : 6834-92-0 )  
Exposure route : One generation reproduction toxicity test  
Species : Rat  
Effective dose : > 159 mg/kg

**SECTION 12: Ecological information**

**12.1 Toxicity**

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### **Aquatic toxicity**

#### **Acute (short-term) fish toxicity**

Parameter : LC50 ( SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; CAS No. : 97489-15-1 )  
Species : Brachydanio rerio (zebra-fish)  
Effective dose : 1 - 10 mg/l

#### **Acute (short-term) daphnia toxicity**

Parameter : EC50 ( NATRIUMXYLEENSULFONAAT ; CAS No. : 1300-72-7 )  
Species : Acute (short-term) daphnia toxicity  
Effective dose : 1000 mg/l  
Parameter : EC50 ( DISODIUM METASILICATE ; CAS No. : 6834-92-0 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 1700 mg/l  
Exposure time : 48 h  
Parameter : EC50 ( SODIUM CARBONATE ; CAS No. : 497-19-8 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 265 mg/l  
Exposure time : 48 h

#### **Acute (short-term) algae toxicity**

Parameter : EC50 ( SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; CAS No. : 97489-15-1 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 9,81 mg/l  
Exposure time : 48 h  
Parameter : EC50 ( SULFONIC ACIDS, C14-17-SEC-ALKANE, SODIUM SALTS ; CAS No. : 97489-15-1 )  
Species : Scenedesmus subspicatus  
Effective dose : > 61 mg/l  
Exposure time : 72 h

### **12.2 Persistence and degradability**

Based on the raw materials, this product is classified as readily biodegradable

### **12.3 Bioaccumulative potential**

No information available.

### **12.4 Mobility in soil**

No information available.

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

No information available.

### **12.6 Other adverse effects**

No information available.

### **12.7 Additional ecotoxicological information**

None

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Dispose according to legislation.

#### **Product/Packaging disposal**

Dispose of waste according to applicable legislation.

#### **Waste treatment options**

##### **Appropriate disposal / Package**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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## SECTION 14: Transport information

### 14.1 UN number

UN 1760

### 14.2 UN proper shipping name

#### Land transport (ADR/RID)

CORROSIVE LIQUID, N.O.S. ( DISODIUM TRIOXOSILICATE )

#### Sea transport (IMDG)

CORROSIVE LIQUID, N.O.S. ( DISODIUM TRIOXOSILICATE )

#### Air transport (ICAO-TI / IATA-DGR)

CORROSIVE LIQUID, N.O.S. ( DISODIUM TRIOXOSILICATE )

### 14.3 Transport hazard class(es)

#### Land transport (ADR/RID)

Class(es) : 8  
Classification code : C9  
Hazard identification number (Kemler No.) : 88  
Tunnel restriction code : E  
Special provisions : LQ 0 · E 0  
Hazard label(s) : 8

#### Sea transport (IMDG)

Class(es) : 8  
EmS-No. : F-A / S-B  
Special provisions : LQ 0 · E 0 · Segregation Group 18 - Alkalis  
Hazard label(s) : 8

#### Air transport (ICAO-TI / IATA-DGR)

Class(es) : 8  
Special provisions : E 0  
Hazard label(s) : 8

### 14.4 Packing group

I

### 14.5 Environmental hazards

Land transport (ADR/RID) : No

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

### 14.6 Special precautions for user

None

### 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

None

### 15.2 Chemical safety assessment

For this mixture a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

03. Hazardous ingredients

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## 16.2 Abbreviations and acronyms

a.i. = Active ingredient  
ACGIH = American Conference of Governmental Industrial Hygienists (US)  
ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
AFFF = Aqueous Film Forming Foam  
AISE = International Association for Soaps, Detergents and Maintenance Products (joint project of AISE and CEFIC)  
AOAC = AOAC International (formerly Association of Official Analytical Chemists)  
aq. = Aqueous  
ASTM = American Society of Testing and Materials (US)  
atm = Atmosphere(s)  
B.V. = Beperkt Vennootschap (Limited)  
BCF = Bioconcentration Factor  
bp = Boiling point at stated pressure  
bw = Body weight  
ca = (Circa) about  
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)  
CEFIC = European Chemical Industry Council (established 1972)  
CIPAC = Collaborative International Pesticides Analytical Council  
CLP = REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Conc = Concentration  
cP = CentiPoise  
cSt = Centistokes  
d = Day(s)  
DIN = Deutsches Institut für Normung e.V.  
DNEL = Derived No-Effect Level  
DT50 = Time for 50% loss; half-life  
EbC50 = Median effective concentration (biomass, e.g. of algae)  
EC = European Community; European Commission  
EC50 = Median effective concentration  
EINECS = European Inventory of Existing Commercial Chemical Substances (EU, outdated, now replaced by EC Number)  
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)  
ErC50 = Median effective concentration (growth rate, e.g. of algae)  
EU = European Union  
EWC = European Waste Catalogue  
FAO = Food and Agriculture Organization (United Nations)  
GIFAP = Groupement International des Associations Nationales de Fabricants de Produits Agrochimiques (now CropLife International)  
h = Hour(s)  
hPa = HectoPascal (unit of pressure)  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IC50 = Concentration that produces 50% inhibition  
IMDG Code = International Maritime Dangerous Goods Code  
IMO = International Maritime Organization  
ISO = International Organization for Standardization  
IUCLID = International Uniform Chemical Information Database  
IUPAC = International Union of Pure and Applied Chemistry  
kg = Kilogram  
Kow = Distribution coefficient between n-octanol and water  
kPa = KiloPascal (unit of pressure)  
LC50 = Concentration required to kill 50% of test organisms  
LD50 = Dose required to kill 50% of test organisms  
LEL = Lower Explosive Limit/Lower Explosion Limit  
LOAEL = Lowest observed adverse effect level  
mg = Milligram  
min = Minute(s)  
ml = Milliliter  
mmHg = Pressure equivalent to 1 mm of mercury (133.3 Pa)  
mp = Melting point  
MRL = Maximum Residue Limit



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MSDS = Material Safety Data Sheet  
n.o.s. = Not Otherwise Specified  
NIOSH = National Institute for Occupational Safety and Health (US)  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
NOx = Oxides of Nitrogen  
OECD = Organization for Economic Cooperation and Development  
OEL = Occupational Exposure Limits  
Pa = Pascal (unit of pressure)  
PBT = Persistent, Bioaccumulative or Toxic  
pH = -log<sub>10</sub> hydrogen ion concentration  
pKa = -log<sub>10</sub> acid dissociation constant  
PNEC = Previsible Non Effect Concentration  
POPs = Persistent Organic Pollutants  
ppb = Parts per billion  
PPE = Personal Protection Equipment  
ppm = Parts per million  
ppt = Parts per trillion  
PVC = Polyvinyl Chloride  
QSAR = Quantitative Structure-Activity Relationship  
REACH = Registration, Evaluation and Authorization of Chemicals (EU, see NCP)  
SI = International System of Units  
STEL = Short-Term Exposure Limit  
tech. = Technical grade  
TSCA = Toxic Substances Control Act (US)  
TWA = Time-Weighted Average  
vPvB = Very Persistent and Very Bioaccumulative  
WHO = World Health Organization = OMS  
y = Year(s)

## 16.3 Key literature references and sources for data

None

## 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Calculation method

## 16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

## 16.6 Training advice

None

## 16.7 Additional information

Notice the directions for use on the label.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.