



## SAFETY DATA SHEET

### STAPLES 404201 SCREEN FOAMER LIQUID

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 01.09.2017

### 1.1. Product identifier

Product name STAPLES 404201 SCREEN FOAMER LIQUID  
Article no. L03099000030

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

Product group Screen Cleaner  
Relevant identified uses  
SU21 Consumer uses: Private households (= general public = consumers)  
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)  
PC35 Washing and cleaning products (including solvent based products)  
PROC10 Roller application or brushing  
ERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)  
Uses advised against No specific uses advised against are identified.

### 1.3. Details of the supplier of the safety data sheet

Company name Kleinmann GmbH  
Postal address Am Trieb 13  
Postcode D-72820  
City Sonnenbuehl  
Country Germany  
Tel +49(0)7128/9292-15  
Fax +49(0)7128/9292-415  
E-mail [chemie@kleinmann.net](mailto:chemie@kleinmann.net)  
Website <http://www.kleinmann.net>  
Enterprise no. DE 146 487

### 1.4. Emergency telephone number

Emergency telephone Tel: +49(0)7128/9292-15  
Description: 8-12, Mo.-Fr.

## SECTION 2: Hazards identification

### 2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] Eye Irrit. 2; H319;

### 2.2. Label elements

#### Hazard Pictograms (CLP)



Signal word Warning

Hazard statements EUH 208 Contains benzisothiazolone May produce an allergic reaction.  
H319 Causes serious eye irritation.

Other Label Information (CLP) No data recorded.

### 2.3. Other hazards

Health effect The product contains organic solvents.  
Causes serious eye irritation.

Environmental effects Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Dipropyleneglycolmonomethylether	CAS no.: 34590-94-8 EC no.: 252-104-2	Note : Sk	5 – 15 %
C12-C14 Alkyl alcohol ethoxylate	CAS no.: 68439-50-9 EC no.: 932-106-6 REACH Reg. No.: 01-2119487984-16-xxxx	Acute tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 3; H412 Additional information on classification: SCL: <10% Eye Irr.2; ≥10% Eye Dam. 1	1 -5 %
1,2-Benzisothiazol-3(2H)-one	CAS no.: 2634-33-5 EC no.: 220-120-9 Index no.: 613-088-00-6	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Additional information on classification: SCL: H317: C ≥ 0,05%	< 0,05 %
Substance comments	<5%: anionic surfactant , preservative: benzisothiazolinone The full text for all hazard statements is displayed in section 16.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Rinse with water. Get medical attention if any discomfort continues.
Eye contact	Rinse with water. Contact physician if discomfort continues.
Ingestion	Rinse mouth with water. Get medical attention if any discomfort continues.

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

Acute symptoms and effects	Eye contact may cause lacrimation, redness, smarting and discomfort.
Delayed symptoms and effects	No known long term effects.

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

Other Information	If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
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#### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Follow the general fire precautions indicated by the workplace.
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#### 5.3. Advice for firefighters

Personal protective equipment	Wear necessary protective equipment. For personal protection, see section 8.
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### SECTION 6: Accidental release measures

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

Personal protection measures	Avoid contact with eyes and prolonged skin contact.
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#### 6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

Cleaning method	Recover the product and place in a suitable container for reuse. Flush contaminated area with plenty of water.
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#### 6.4. Reference to other sections

Other instructions	See section 8 and section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling	No specific usage precautions noted.
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#### 7.2. Conditions for safe storage, including any incompatibilities

Storage Store in closed original container in a dry place.

Other Information Lagerklasse: 12

### Conditions for safe storage

Storage Temperature Value: 0 – 35 °C

Storage Stability Durability: 24 months.

### 7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Dipropyleneglycolmonomethylether	CAS no.: 34590-94-8	TWA (8h): 308 mg/m <sup>3</sup> TWA (8h): 50 ppm	TWA Year: 2005

### DNEL / PNEC

Summary of risk management measures, human Data lacking.

Summary of risk management measures, environment Data lacking.

### 8.2. Exposure controls

Limitation of exposure on workplace No special precautions.

## Safety signs



### Eye / face protection

Suitable Eye Protection Wear approved chemical safety goggles where eye exposure is reasonably probable. (EN 166).

### Hand protection

Skin-/ hand protection, long term contact Hand protection is not required for normal use.

### Skin protection

Additional skin protection measures No special precautions.

### Respiratory protection

Respiratory protection necessary at Respiratory protection is not required for normal use.

### Thermal hazards

Thermal hazards No recommendation given.

## Other Information

Other Information No recommendation given.

## SECTION 9: Physical and chemical properties

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

Physical state Colourless liquid.

Colour Colourless.

Odour Almost odourless.

Odour limit Comments: Not relevant.

pH Status: In delivery state  
Value: ~ 8,0

Status: In aqueous solution  
Comments: Not relevant.

Melting point / melting range Comments: Not relevant.

Boiling point / boiling range Comments: Not relevant.

Flash point Value: > 100 °C

Evaporation rate Comments: Not relevant.

Explosion limit Comments: Not relevant.

Vapour pressure Comments: Not relevant.

Vapour density Comments: Not relevant.

Specific gravity Value: ~ 1,0 g/ml

Bulk density Comments: Not relevant.

Solubility description Completely soluble in water.

Partition coefficient: n-octanol/water Comments: Not relevant.

Spontaneous combustability Comments: Not relevant.

Decomposition temperature Comments: Not relevant.

Viscosity Comments: Not relevant.

Explosive properties Not explosive.

Oxidising properties Does not meet the criteria for oxidising.

### 9.2. Other information

#### Other physical and chemical properties

Comments No data recorded.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

## 10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions See section 10.4 and section 10.5.

## 10.4. Conditions to avoid

Conditions to avoid No recommendation given.

## 10.5. Incompatible materials

Materials to avoid None in particular.

## 10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance Dipropyleneglycolmonomethylether

Acute toxicity  
**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Dermal  
**Value:**

Substance C12-C14 Alkyl alcohol ethoxylate

Acute toxicity  
**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Oral  
**Value:** 556 mg/kg  
**Comments:** Calculated estimate

**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Oral  
**Value:** > 300-2000 mg/kg  
**Animal test species:** Rat

**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Dermal  
**Value:** > 2000 mg/kg  
**Animal test species:** Rabbit

Substance 1,2-Benzisothiazol-3(2H)-one

Acute toxicity  
**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Oral  
**Value:** 1150 mg/kg  
**Animal test species:** Mouse

**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Oral  
**Value:** 597 mg/kg  
**Animal test species:** Rat

**Type of toxicity:** Acute  
**Effect Tested:** LD50  
**Route of exposure:** Dermal  
**Value:** > 2000 mg/kg

Other toxicological data

Toxicological tests on the product has not been performed.

## Other information regarding health hazards

Assessment of acute toxicity classification	No evidence for acute toxicity.
Inhalation	Solvent vapours are hazardous and may cause nausea, sickness and headaches.
Skin contact	Skin irritation is not anticipated when used normally.
Eye contact	Irritating and may cause redness and pain.
Ingestion	Not likely, due to the packaging.
Sensitisation	May cause an allergic skin reaction.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity	No evidence for carcinogenicity.
Reproductive toxicity	No evidence for reproductive toxicity.
Assessment specific target organ SE, classification	No evidence for STOT-single exposure.
Assessment of specific target organ toxicity RE, classification	No evidence for STOT-repeated exposure.
Assessment aspiration hazard classification	No evidence for aspiration hazard.

## Symptoms of Exposure

Symptoms of overexposure	No specific symptoms noted.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	C12-C14 Alkyl alcohol ethoxylate
Acute aquatic, fish	<b>Value:</b> 1 – 10 mg/L <b>Test duration:</b> 96h <b>Species:</b> Cyprinus carpio <b>Method:</b> OECD 203
Substance	1,2-Benzisothiazol-3(2H)-one
Acute aquatic, fish	<b>Value:</b> 0,74 mg/l <b>Test duration:</b> 96h <b>Method:</b> LC50
Substance	C12-C14 Alkyl alcohol ethoxylate
Acute aquatic, algae	<b>Value:</b> 1 – 10 mg/L

	<b>Test duration:</b> 72h <b>Species:</b> Desmodesmus subspicatus <b>Method:</b> OECD 201
Substance	C12-C14 Alkyl alcohol ethoxylate
Acute aquatic, Daphnia	<b>Value:</b> 1 – 10 mg/L <b>Test duration:</b> 96h <b>Species:</b> Daphnia magna <b>Method:</b> OECD 202
Substance	1,2-Benzisothiazol-3(2H)-one
Acute aquatic, Daphnia	<b>Value:</b> 2,44 mg/l <b>Test duration:</b> 48h <b>Species:</b> Daphnia magna <b>Method:</b> EC50
Aquatic, comments	No data available for the product.

## 12.2. Persistence and degradability

Substance	C12-C14 Alkyl alcohol ethoxylate
Biodegradability	<b>Value:</b> > 60 % <b>Method:</b> OECD 301 B <b>Test period:</b> 28d
Persistence and degradability	The product is easily biodegradable.

## 12.3. Bioaccumulative potential

Bioaccumulative potential      The product is not bioaccumulating.

## 12.4. Mobility in soil

Mobility      The product is water soluble and may spread in water systems.

## 12.5. Results of PBT and vPvB assessment

PBT assessment results      Not Classified as PBT/vPvB by current EU criteria.

## 12.6. Other adverse effects

Other adverse effects /  
Remarks      Water hazard classification 1

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of waste and residues in accordance with local authority requirements.
EWC waste code	EWC waste code: 0706 Classified as hazardous waste: Yes
EWL Packing	EWC waste code: 0706 Classified as hazardous waste: Yes
Other Information	Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product.



## SECTION 14: Transport information

### 14.1. UN number

Comments The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.2. UN proper shipping name

Comments Not relevant.

### 14.3. Transport hazard class(es)

Comments Not relevant.

### 14.4. Packing group

Comments Not relevant.

### 14.5. Environmental hazards

Comments Not relevant.

### 14.6. Special precautions for user

Special safety precautions for user No data recorded.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### ADN - Other information

Other information No data recorded.

## SECTION 15: Regulatory information

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

Legislation and regulations The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).  
EH40/2005, Workplace exposure limits 2005, with amendments.  
The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.  
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  
REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.

### 15.2. Chemical safety assessment

Chemical safety assessment performed No

## SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3).  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
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.

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS] Eye Irrit. 2; H319;

Training advice No particular training or education is required but the user must be familiar with this SDS.

Information which has been added, deleted or revised New safety data sheet.

Prepared by MP