

**Section 1. Identification of the substance/mixture and of the company/undertaking**

<b>Release Date</b>	18-08-2017
<b>Version</b>	EN-1

**1.1 Product identifier**

<b>Product name</b>	Draftline Beer Line Cleaner
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**1.2 Relevant identified uses of the substance or mixture and uses advises against**

<b>Relevant identified uses</b>	Cleaning agent
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**1.3 Details of the supplier of the safety data sheet**

<b>Supplier</b>	Micro Matic MM Service Center AB Honungsgatan 2 SE-432 95 Varberg Sweden
<b>Telephone</b>	+46 (0) 340 – 545 700
<b>Fax</b>	+46 (0) 340 – 545 701
<b>E-mail</b>	mm@micro-matic.se
<b>Homepage</b>	www.micro-matic.se

**1.4 Emergency telephone**

<b>SOS alarm (acute)</b>	112
<b>Swedish Poisons Information centre</b>	+46 (8) 33 12 31 (working hours)

**Section 2. Hazards identification**
**2.1 Classification of the substance ore mixture**

<b>CLP (Regulation (EC) No 1272/2008):</b>	Skin Corr. 1A: H314 (Causes severe skin burns and eye damage) Met. Corr. 1: H290 (May be corrosive to metals)
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**2.2 Label elements**

CLP classification (REGULATION (EC) No 1272/2008)  
GHS05



**Signal word**  
Danger

<b>CLP classification (REGULATION (EC) No 1272/2008)</b>	
<b>Contains</b>	Sodium hydroxide 30 %
<b>Hazard statements</b>	H290: May be corrosive to metals H314: Causes severe skin burns and eye damage
<b>Precautionary statements</b>	P101: If medical advice is needed, have product container or label at hand P260: Do not breathe dust/fume/gas/mist/vapors/spray P280: Wear protective gloves/protective clothing/eye protection/face protection P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310: Immediately call a POISON CENTER/doctor

### 2.3 Other hazards

May be corrosive to metals

## Section 3. Composition/information on ingredients

### 3.1 Mixtures

According to CLP (regulation (EC) No 1272/2008)

Substance name	EG-no	CAS-no	Concentration	Pictogram(s)	H-phrase(s)*	Category
Sodium hydroxide	215-185-5	1310-73-2	30 %	GHS05 Danger	H314 H290	Skin Corr: 1A Met. Corr: 1
Sodium gluconate	208-407-7	527-07-1	< 2,5 %	-	-	-
Nitriлотrimethylenetris (phosphonic acid)	229-146-5	6419-19-8	< 2,5 %	GHS05 Danger	H314 H290	Skin Corr: 1A Met. Corr: 1
1-Propanaminium, 3-butoxy-2-hydroxy-N-(2-hydroxy-3-sulfopropyl)-N,N-dimethyl-, hydroxide, inner salt	-	108797-84-8	< 1 %	-	-	-
C.I. Direct Blue 199	602-190-6	12222-04-7	< 1 %	GHS07 Warning	H319	Eye Irrit: 2

\* For the full text of the H-Statements mentioned in this section, see Section 16.

### Section 4. First aid measures

#### 4.1 Description of first aid measures

<b>Inhalation</b>	Fresh air Contact a doctor if the complaints persist
<b>Skin contact</b>	Take off all contaminated clothing/shoes Carefully wash the skin for several minutes with soap and water Contact a doctor immediately if any symptoms arise
<b>Eye contact</b>	Immediately rinse with lukewarm water for at least 15 minutes Keep eyelids well apart and remove any contact lenses Contact a doctor immediately. Keep rinsing on the way to the hospital
<b>Ingestion</b>	Get medical attention immediately Wash out mouth with water. Immediately give a glass of milk or water if the victim is fully conscious Do not induce vomiting. Contact a doctor immediately

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

The product causes burns on the skin, in the eyes, the respiratory system and in the mouth, throat and stomach.

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

Emergency shower and eye wash facility must be available in working area.

### Section 5. Firefighting measures

#### 5.1 Extinguishing media

The product is not flammable. Use extinguishing media suitable for the surrounding fire.

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

The product is not flammable. Combustion may give rise to irritating and caustic fumes. Used extinguishing media may be caustic or irritating.

#### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Prevent fire extinguishing water from contaminating surface water or the ground water system. Remove container from danger zone and cool with water.

### Section 6. Accidental release measures

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

Ensure adequate ventilation. Avoid substance contact. Do not breathe vapor or mist. Protective equipment, see Section 8.

#### 6.2 Environmental precautions

Do not empty into drains. Contact local emergency services in case of large spillage.

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

Observe possible material restrictions (see Sections 7 and 10).  
 Collect spills for possible reuse or transfer to suitable waste containers. Absorb wet waste with sand, dry earth or vermiculite. Small spills can be washed away with large amounts of water. Further handling of waste – see section 13.

### 6.4 Reference to other sections

See Sections 8 and 13 for information concerning protective equipment and waste treatment methods.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

Operate in a well-ventilated area. Wear protective equipment, see Section 8. Avoid contact with skin and eyes. Avoid inhalation. Never use the product in a spray bottle. Never mix the product with acids or other chemicals.

### 7.2 Conditions for safe storage including any incompatibilities

Keep away from children. Store in a dry area in room temperature. Keep in tightly closed original packaging. Store away from acids. Keep away from moisture and sunlight. Do not store above eye level.

### 7.3 Specific end use(s)

See EWC-code under Section 13.

## Section 8. Exposure control/personal protection

### 8.1 Control parameters

<b>Occupational exposure limits (directive 2000/39/EC)</b>	No occupational exposure limits
<b>DNEL</b>	No data available
<b>PNEC</b>	No data available

### 8.2 Individual protection measures

<b>Respiratory protection</b>	Use a gas cartridge filter if fumes, vapors or mists are present
<b>Hand protection</b>	Always use gloves The protective gloves to be used must comply with the specification of EC Directive 89/686/EEC and the related standard EN374 Gloves of nitrile or butyl rubber recommended
<b>Eye/face protection</b>	Always use safety goggles when there is a risk of eye contact
<b>Other protective equipment</b>	Use protective clothing to avoid skin contact
<b>Hygiene measures</b>	Change contaminated clothing Preventive skin protection recommended Wash hands after working with substance Emergency shower and eye wash facility in working area

### Section 9. Physical and chemical properties

#### 9.1 Information on fundamental physical and chemical properties

Form	Liquid
Color	Blue
Odor	Odorless
pH	Ca 13,5 (concentrate)
Boiling point	119 °C
Relative density	1,1-1,18 kg/l
Solubility in water	Soluble

#### 9.2 Other information

May be corrosive to metals.

### Section 10. Stability and reactivity

#### 10.1 Reactivity

The product is chemically stable under standard conditions.

#### 10.2 Chemical stability

The product is chemically stable under standard conditions.

#### 10.3 Possibility of hazardous reactions

The product is chemically stable under standard conditions. Exothermic reactions with strong acids. Hydrogen release when in contact with metals.

#### 10.4 Conditions to avoid

Extreme temperatures.

#### 10.5 Incompatible materials

Acids. Aluminum, zinc, tin and other metals. Also void contact with leather and wool.

#### 10.5 Hazardous decomposition products

Combustion may emit carbon oxides and caustic or irritating fumes.

### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

	Acute effects	Chronic effects
<b>Skin contact</b>	Causes burns	May cause slow-healing wounds
<b>Eye contact</b>	Causes burns	May cause eye damage/blindness
<b>Inhalation</b>	Causes burns	May cause serious burns
<b>Ingestion</b>	Causes burns	May cause serious burns

Acute toxicity, toxicity for the components	
<b>Sodium hydroxide</b>	LD50 Oral rabbit: >500 mg/kg 1 mg/30s is very irritating in eye of rabbit (mod. Draize) 500 mg/24h is very irritating on rabbit skin (mod. Draize)
<b>Irritation</b>	Causes burns, see below
<b>Corrosive effect</b>	The product causes burns on the skin, in the eyes, the respiratory system and in the mouth, throat and stomach
<b>Sensitisation</b>	None known
<b>Toxicity at repeated exposure</b>	None known
<b>Cancerogenicity</b>	None known.
<b>Mutagenicity</b>	None known
<b>Reproductive toxicity</b>	None known
<b>Interactive effects</b>	None known
<b>Absence of data</b>	-

### Section 12. Ecological information

#### 12.1 Toxicity

Not classified as hazardous to the environment.

Ecotoxicity for ingredients	
<b>Sodium hydroxide</b>	LC50 Fish 96h: 45 mg/l (Oncorhynchus mykiss) EC50 Daphnia 48h: 30 mg/l Bioaccumulation: Log Pow: <0 (no bioaccumulation)

#### 12.2 Persistence and biodegradation

Expected to be easily degraded.

#### 12.3 Bioaccumulative potential

Not expected to accumulate.

#### 12.4 Mobility in soil and water

Soluble in water.

### 12.5 Results of PBT- and vPvB assessment

No information available.

### 12.6 Other adverse effects

May give rise to local adverse effects due to the high pH of the product.

**SUMMARY:** Not classified as hazardous to the environment. May give rise to local adverse effects due to the high pH of the product. Discharge into the environment should be avoided.

## Section 13. Disposal consideration

### 13.1 Disposal from excess/unused product

In accordance with directive 2008/98/EC unused product is hazardous waste.

Suggestion of EWC-code:

**20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**

**20 01 separately collected fractions (except 15 01):**

20 01 15\* Alkalines.

#### Contaminated package

Should be recycled in accordance with local, state or national regulations.

## Section 14. Transport information

Classified as dangerous goods in accordance with ADR/RID/IMO/DGR.



### 14.1 UN-number

UN 1824

### 14.2 Proper shipping name

Sodium hydroxide solution

### 14.3 Transport hazard class(es)

8

Tunnel restriction code: (E)

Ems-code: F-A, S-B

### 14.4 Packing group

II

Limited quantity: Max 1 liter per inner packaging and max 30 kg per parcel.

### 14.5 Environmental risks

The product is alkaline.

### 14.6 Special safety measures

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### 14.7 Transport in bulk according to annex II of MARPOL 73/78 and the IBC code

The product is not to be handled in bulk. The product is to be packed according to The IMDG Code.

## Section 15. Regulatory information

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

CLP (REGULATION (EC) No 1272/2008 and REGULATION 453/2010/EC, Annex I)

### 15.2 Chemical safety assessment

Chemical Safety Assessment (CSA) is available for the product (in Swedish).

## Section 16. Other information

### Full text of H-statements referred to under section 3

H290 – May be corrosive to metals

H314 - Causes severe skin burns and eye damage

H319 - Causes serious eye irritation

### Explanations to abbreviations

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### References to literature and databases

See Chemical Safety Assessment (CSA).

### Other information

This information is complementary. However, the user should independently decide whether the information is sufficient. Responsible for the product safety and facts is Micro Matic MM Service Center AB. Safety Data Sheet has been established with the participation of Amasis Konsult AB, Solna.

Version	Date	Replaces version	Replaces date
EN-1 (original document)	18-08-2017	-	-
Important changes in section:	-	-	-