

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

Release Date	12-11-2018
Version	EN-3

1.1 Product identifier

Product name	Draftline 15 - Beer Line Cleaner
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1.2 Relevant identified uses of the substance or mixture and uses advises against

Relevant identified uses	Cleaning agent
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1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone

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

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

CLP (Regulation (EC) No 1272/2008):	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

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CLP classification (REGULATION (EC) No 1272/2008)	
Contains	Sodium hydroxide 15 %
Hazard statements	H290: May be corrosive to metals H314: Causes severe skin burns and eye damage
Precautionary statements	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 Substances

No applicable.

3.2 Mixtures

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

Substance name	EG-no	CAS-no	Concentration	Pictogram(s)	H-phrases(s)*	Category
Sodium hydroxide	215-185-5	1310-73-2	15 %	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

Inhalation	Fresh air Contact a doctor if the complaints persist
Skin contact	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
Eye contact	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
Ingestion	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

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

8.2 Individual protection measures

Respiratory protection	Use a gas cartridge filter if fumes, vapors or mists are present
Hand protection	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
Eye/face protection	Always use safety goggles when there is a risk of eye contact
Other protective equipment	Use protective clothing to avoid skin contact
Hygiene measures	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

Appearance	Liquid
Color	Blue
Odour	Odorless
pH	Ca 13,5 (concentrate)
Freezing point	No data available
Initial boiling point	119 °C
Flash point	No applicable
Evaporation rate	No data available
Flammability (solid, gas)	No applicable
Vapour pressure	No data available
Vapour density	No data available
Relative density	1,1-1,18 kg/l
Solubility in water	Soluble
Partition coefficient	No data available
Auto ignition temperature	No applicable
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No applicable
Oxidizing properties	No applicable

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.

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10.5 Incompatible materials

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

10.6 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
Skin contact	Causes burns	May cause slow-healing wounds
Eye contact	Causes burns	May cause eye damage/blindness
Inhalation	Causes burns	May cause serious burns
Ingestion	Causes burns	May cause serious burns

Acute toxicity, toxicity for the components	
Sodium hydroxide	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)
Irritation	Causes burns, see below
Corrosive effect	The product causes burns on the skin, in the eyes, the respiratory system and in the mouth, throat and stomach
Sensitisation	None known
Toxicity at repeated exposure	None known
Cancerogenicity	None known.
Mutagenicity	None known
Reproductive toxicity	None known
Interactive effects	None known
Absence of data	-

Section 12. Ecological information

12.1 Toxicity

Not classified as hazardous to the environment.

Ecotoxicity for ingredients	
Sodium hydroxide	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 3266

14.2 Proper shipping name

Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)

14.3 Transport hazard class(es)

Class: 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 hazards

No (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 REACH, Annex II, 830/2015/EC.

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-3	12-11-2018	EN-2	15-01-2018
Important changes in section	Correction of UNno. and PSN in section 14		