

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

Release Date	22-09-2022
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	010 - 456 67 00 (working hours)

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

CLP (Regulation (EC) No 1272/2008):	GHS05: 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 EUH071: Corrosive to respiratory tract
Precautionary statements	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 P390 - Absorb spillage to prevent material damage P406 - Store in corrosive resistant stainless-steel container with a resistant inliner P501 - Dispose of contents/container to an approved waste disposal plant

2.3 Other hazards

May be corrosive to metals.

Section 3. Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

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

Substance name	EG-no	Reg. number	CAS number	Conc.	Pictogram(s)	H-phrase(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 %	-	-	-
Nitilotrimethylenetris (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	<p>Always use gloves</p> <p>The protective gloves to be used must comply with the specification of EC Directive 89/686/EEC and the related standard EN374</p> <p>Gloves of nitrile or butyl rubber recommended</p>

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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

Physical state	Liquid
Color	Blue
Odour <i>Odour threshold</i>	Odorless <i>Not determined</i>
Melting point/ freezing point	Not determined
Boiling point or initial boiling point and boiling range	119 °C
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Ca 13,5 (concentrate)
Kinematic viscosity	Not determined
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	No data available
Density and/or relative density	1,1-1,18 kg/l
Relativly vapour density	No data available

9.2 Other information

Physical hazard class: Corrosive liquid. May be corrosive to metals.

Mechanical sensitivity	Not determined
Self-accelerating polymerisation temperature	Not determined
Acid/alkaline reserve	Not determined
Evaporation rate	Not determined
Miscibility	Not determined
Conductivity	Not determined

Corrosiveness	Not determined
Gas group	Not determined
Redox potential	Not determined
Radical formation potential	Not determined
Photocatalytic properties	Not determined

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.

10.6 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)
Skin corrosion / irritation	Corrosive to skin
Serious eye damage / irritation	Corrosive to eye

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Respiratory or skin sensitization	No sensitization known
Germ cell mutagenicity	No mutagenicity known
Carcinogenicity	No carcinogenicity known
Reproductive toxicity	No reproductive toxicity known
STOT-single exposure	No effects known
STOT-repeated exposure	No effects known
Aspiration hazard	May be corrosive to the respiratory tract

Interactive effects	Not known
Missing data	See the Chemical Safety Assessment (CSA) for data on more substances
Endocrine disruptors	Contains no endocrine disruptors

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 Endocrine disruptors

Contains no endocrine disruptors.

12.7 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)

Class: 8

Tunnel restriction code: (E)

Ems-code: F-A, S-B

14.4 Packing group

II

14.5 Limited quantity

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

14.6 Environmental hazards

The product is alkaline.

14.7 Special safety measures

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14.8 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

Safety data sheet and classification in accordance with CLP (Regulation 1272/2008/EC) and Commission Regulation (EU) 878/2020 (REACH, Annex II).

15.2 Chemical safety assessment

Chemical Safety Assessment (CSA) is available for the product (in Swedish).
See also section 16 for further information.

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

A chemical safety assessment (CSA) has been established for the product.
See Chemical Safety Assessment (CSA) for sources.

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	22-09-2022	EN-2	15-01-2018
Important changes in section	Not applicable		