

Safety Data Sheet

Clean Drop coffee maker cleaning aid, Clean Drop Professional

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : Clean Drop coffee maker cleaning aid, Clean Drop Professional
Product code : 139/140/141/150

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

Relevant identified uses

Intended for general public
Main use category : Professional use, Consumer use
Use of the substance/mixture : Cleaning of coffee makers and coffee making equipment.

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Norsk Kaffeinformasjon Handel AS
Niels Juels gate 16
N-0272 Oslo, Norway
T +47 23 13 18 50
cleandrop@kaffe.no - www.kaffe.no

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number |
|----------------|---|---|-------------------------------------|
| United Kingdom | National Poisons Information Service (Newcastle Unit) | Claremont Place Newcastle-upon-Tyne, Newcastle | +44 191 2606182/+44 191 2606180 24H |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Not classified

2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Clean Drop coffee maker cleaning aid, Clean Drop Professional

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------------|--------------------|--------|---|
| nonionic surfactants | | 5 - 15 | Not classified |

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

| | |
|---------------------------------------|---|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues. |
| First-aid measures after skin contact | : Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : May cause skin irritation. |
| Symptoms/effects after eye contact | : Liquid splashes in the eye may cause irritation. |

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

| | |
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| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : Not flammable according to national regulations concerning flammable goods. |
| Hazardous decomposition products in case of fire | : Carbon dioxide (CO ₂). Carbon monoxide (CO). |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Containers close to fire should be removed immediately or cooled with water. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper personal protective equipment, including respiratory protection. |

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

| | |
|------------------|---|
| General measures | : Avoid all contact with skin, eyes, or clothing. |
|------------------|---|

For non-emergency personnel

| | |
|----------------------|---|
| Protective equipment | : Wear appropriate personal protective equipment - see Section 8. |
|----------------------|---|

For emergency responders

No additional information available

6.2. Environmental precautions

Dilute residues and flush. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. |
|-------------------------|---|

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

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| Precautions for safe handling | : Avoid spilling, skin and eye contact. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
|-------------------------------|---|

Clean Drop coffee maker cleaning aid, Clean Drop Professional

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Store in original container. Store at room temperature.

7.3. Specific end use(s)

No additional data.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection : Gloves are not required under normal conditions of use. For exposure of 1 to 4 hours use gloves made of: Neoprene, nitrile, polyethylene or PVC. Layer thickness : 0,10mm. Breakthrough time : >480min. STANDARD EN 374.

Eye protection : Under normal conditions of use eye protection is not required. Use splash goggles when eye contact due to splashing is possible. STANDARD EN 166.

Skin and body protection : Not required

Respiratory protection : Under normal conditions of use respiration protection should not be required.

Other information : Do not eat, drink or smoke during use. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless. Clear.

Odour : Odourless or no characteristic odour.

Odour threshold : Not relevant.

pH : ≈ 11

pH solution : $\approx 7 \approx 0,1\%$ solution

Relative evaporation rate (butylacetate=1) : Not determined.

Melting point : Not determined.

Freezing point : $\approx 0\text{ }^{\circ}\text{C}$

Boiling point : $\approx 100\text{ }^{\circ}\text{C}$

Flash point : Not relevant.

Critical temperature : Not determined.

Auto-ignition temperature : Not self-igniting.

Decomposition temperature : Not determined.

Flammability (solid, gas) : Non flammable.

Vapour pressure : Not determined.

Critical pressure : Not determined.

Relative vapour density at 20 °C : Not determined.

Relative density : ≈ 1 Same as water.

Solubility : Miscible with water.

Log Pow : Not determined.

Viscosity, kinematic : Not relevant.

Viscosity, dynamic : Not relevant.

Explosive properties : Not explosive.

Oxidising properties : Non flammable.

Explosive limits : Not relevant.

9.2. Other information

Additional information : None to our knowledge.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal temperature conditions and recommended use.

Clean Drop coffee maker cleaning aid, Clean Drop Professional

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

No known hazardous reaction products.

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

| | |
|-----------------------------------|---|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: ≈ 11 |
| Serious eye damage/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: ≈ 11 |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general : Not regarded as dangerous to the environment. This does not, however, rule out the possibility that large or frequent smaller emissions of the product may be harmful to the environment.

12.2. Persistence and degradability

| Clean Drop coffee maker cleaning aid, Clean Drop Professional | |
|---|------------------------|
| Persistence and degradability | Readily biodegradable. |

12.3. Bioaccumulative potential

| Clean Drop coffee maker cleaning aid, Clean Drop Professional | |
|---|---------------------------------|
| Log Pow | Not determined. |
| Bioaccumulative potential | Not potentially bioaccumulable. |

12.4. Mobility in soil

| Clean Drop coffee maker cleaning aid, Clean Drop Professional | |
|---|---|
| Ecology - soil | The product is water soluble and may spread in water systems. |

12.5. Results of PBT and vPvB assessment

| Clean Drop coffee maker cleaning aid, Clean Drop Professional | |
|--|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | |

12.6. Other adverse effects

Other adverse effects : None to our knowledge.
Additional information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Regional legislation (waste) : Product is not hazardous waste.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Clean Drop coffee maker cleaning aid, Clean Drop Professional

Additional information : The given LoW-code is a guiding, and the code depends on how the waste is formed. User must evaluate the choice of correct code.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

| | |
|---|-----------------------------|
| 14.1. UN number | Not regulated for transport |
| 14.2. UN proper shipping name | |
| 14.3. Transport hazard class(es) | |
| 14.4. Packing group | |
| 14.5. Environmental hazards | |
| No supplementary information available | |

14.6. Special precautions for user

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

IBC code : Not applicable.

SECTION 15: REGULATORY INFORMATION

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

EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.
Detergent Regulation (648/2004/EC)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

Data sources : EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

Other information : None.

Date of issue : 17/03/2007

Supersedes : 20/03/2017

The information in this safety data sheet is based on information from the manufacturer/supplier, present european and national legislation, and presupposes that the product is used within the specified area of application.