

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

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

- 1.1 Product identifier**
Product Name Cleanline Filter Soak
Product Code(s) Not applicable
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified use(s) An alkaline liquid cleaner suitable for the cleaning of re-usable milk filters.
Product is for professional use only
Must not be used by persons under the age of 18, except when adult supervision is available.
Do not mix with acids or any other chemical products.
- Uses advised against
- 1.3 Details of the supplier of the Safety Data Sheet**
Company Identification Nettex
Units 2A
Hoo Industrial Estate
Hoo
Rochester
Kent
ME3 9LB
United Kingdom
Telephone +44 (0) 808 1781010
E-Mail (competent person) info@progiene-dairy.com
- 1.4 Emergency telephone number**
Emergency Phone No. +44 (0) 1634 257150 (09.00 – 17.00 GMT Monday - Friday)

2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)** Skin Corrosion (Category 1A). Causes severe skin burns and eye damage. Harmful if swallowed.
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** Corrosive. Causes severe burns. Risk of serious damage to eyes.
- 2.2 Label elements**
- 2.2.1 Label elements** According to Regulation (EC) No. 1272/2008 (CLP)
Hazard Pictogram



Signal word(s)

Danger

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dairy hygiene

| | |
|-----------------------------------|--|
| Hazard statement(s) | H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. |
| Precautionary statement(s) | P102: Keep out of reach of children. P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash skin thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P310: Immediately call a POISON CENTRE or doctor/physician. P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P501: Dispose of contents/container to: hazardous waste site According to Directive 67/548/EEC & Directive 1999/45/EC |
| 2.2.2 Label elements | |
| Hazard Symbol |  |
| Risk Phrases | R22: Harmful if swallowed. R35: Causes severe burns. |
| Safety Phrases | R41: Risk of serious damage to eyes. S2: Keep out of the reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28: In case of contact with skin wash immediately with plenty of soap and water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S51: Use only in well ventilated areas. S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Do not mix with acids or other chemical products. |
| 2.3 Other hazards | |
| 2.4 Additional Information | None |

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3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC Classification No. 1272/2008

| Hazardous ingredient(s) | %W/W | Cas No. | EC No. | REACH Registration No. | Hazard pictogram(s) and Hazard statement(s) |
|--|---------|-----------|-----------|------------------------|--|
| Sodium Hydroxide | 10 - 20 | 1310-73-2 | 215-185-5 | 01-2119457892-27 | Skin Corr. 1A : H314 |
| Tetrasodium Ethylene Diamine Tetra Acetate | 1 - 5 | 64-02-8 | 200-573-9 | 01-2119486762-27 | Acute Tox. 4, H332, H302 Eye Dam. 1, H318 |

EC Classification No. 67/548/EEC

| Hazardous ingredient(s) | %W/W | Cas No. | EC No. | REACH Registration No. | EC Classification and Risk Phrases |
|--|---------|-----------|-----------|------------------------|------------------------------------|
| Sodium Hydroxide | 10 - 30 | 1310-73-2 | 215-185-5 | 01-2119457892-27 | C, R35 |
| Tetrasodium Ethylene Diamine Tetra Acetate | 1 - 5 | 64-02-8 | 200-573-9 | 01-2119486762-27 | Xn, R22 Xi, R41 |

3.3 Additional Information

For full text of H/P phrases see section 16. For full text of R/S phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Remove persons affected by vapour to fresh air.
For those providing assistance, avoid exposure to yourself or others.
If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.
If breathing is irregular or has stopped, administer artificial respiration.

Skin Contact

Remove contaminated clothing and shoes immediately and wash affected skin with water.

Eye Contact

Wash contaminated clothing before reuse.
Eyes should be washed with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion

Wash out mouth with water. Do not induce vomiting. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Burning sensation, cough, wheezing, shortness of breath, spasm. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Itching, pain, redness, and swelling of skin

4.3 Indication of immediate medical attention and special treatment needed

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

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5. SECTION 5: FIRE-FIGHTING MEASURES

| | | |
|--|--------------------------------|---|
| 5.1 Extinguishing Media | Suitable Extinguishing Media | Extinguish with dry chemical, foam, water spray, or carbon dioxide. |
| | Unsuitable Extinguishing Media | No data available |
| 5.2 Special hazards arising from the substance or mixture | | When heated and in the case of fire, harmful vapours/gases may be formed. |
| 5.3 Advice for fire-fighters | | Evacuate area. Use water spray to disperse the vapours and to protect personnel attempting to stop a leak. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel |

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

| | | |
|--|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | | Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment. |
| 6.2 Environmental precautions | | Do not allow to enter drains, sewers or watercourses. |
| 6.3 Methods and material for containment and cleaning up | | Adsorb spillages onto sand, earth or any suitable adsorbent material. |
| 6.4 Reference to other sections | | Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment. |
| 6.5 Additional Information | | None |

7. SECTION 7: HANDLING AND STORAGE

| | | |
|---|------------------------|--|
| 7.1 Precautions for safe handling | | Avoid contact with skin. Avoid breathing fumes. Avoid ingestion. Avoid inhalation of vapours. Use only with adequate ventilation. Keep away from heat and sources of ignition. Keep container tightly closed. Wear protective gloves/clothing and eye/face protection. |
| 7.2 Conditions for safe storage, including any incompatibilities | Storage Temperature | Store between 0°C to 25°C. Keep out of direct sunlight. |
| | Storage Life | 1 year. |
| | Incompatible materials | Acids, ammonia solutions, oxidising materials, zinc or aluminium. |
| 7.3 Specific end use(s) | | An alkaline liquid cleaner suitable for the cleaning of re-usable milk filters. |

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note: |
|------------------|-----------|---------------------|------------------------------------|------------|---------------------------|-------|
| Sodium Hydroxide | 1310-73-2 | - | - | - | 2 | EH40 |

8.1.2 Biological limit value

Not established

8.1.3 PNECs and DNELs

Not established

8.2.1 Appropriate engineering controls

8.2.2 Personal protection equipment

Eye/face protection

Wear chemical safety glasses with side shields, or splash-proof goggles



Skin protection (Hand protection/ Other)

Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet –style gloves. Nitrile, CEN standards EN 420 and EN 374 provide general requirements and list of glove types. If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136, EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations



Respiratory protection



Thermal hazards

None Known

8.2.3 Environmental Exposure Controls

See sections 6,7,12,13

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9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | Liquid |
| Colour | Clear |
| Odour | None |
| Odour Threshold (ppm) | No data available |
| pH (Value) | 12 (1% w/w solution) |
| Melting Point (°C) / Freezing Point (°C) | No data available for melting point; Freezing <0 |
| Boiling point/boiling range (°C): | No data available |
| Flash Point (°C) | No data available |
| Evaporation rate (Butyl Acetate = 1) | No data available |
| Flammability (solid, gas) | No data available |
| Explosive limit ranges. | No data available |
| Vapour Pressure (mm Hg) | No data available |
| Vapour Density (Air=1) | No data available |
| Density (g/ml) | 1.12 (20°C) |
| Solubility (Water) | Soluble |
| Solubility (Other) | No data available |
| Partition Coefficient (n-Octanol/water) | No data available |
| Auto Ignition Temperature (°C) | No data available |
| Decomposition Temperature (°C) | No data available |
| Viscosity (mPa.s) | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |

9.2 Other information

None

10. SECTION 10: STABILITY AND REACTIVITY

| | |
|---|--|
| 10.1 Reactivity | Stable under normal conditions of use. |
| 10.2 Chemical stability | Stable under normal conditions. |
| 10.3 Possibility of hazardous reactions | See 10.5 |
| 10.4 Conditions to avoid | Excessive heat and cold. |
| 10.5 Incompatible materials | Acids, ammonia solutions, oxidising materials, zinc or aluminium. |
| 10.6 Hazardous Decomposition Product(s) | Hazardous decomposition products are not expected to form during normal storage. Noxious, toxic or corrosive vapours may be released in a fire situation. |

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11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.2 Mixtures

| | |
|-------------------------------|---|
| Acute toxicity | There is no information regarding the mixture but one of the components, Sodium Hydroxide, has been assessed as follows: LD50, oral, rat 325mg/kg. |
| Irritation | No data available |
| Corrosivity | No data available |
| Sensitisation | No data available |
| Repeated dose toxicity | No data available |
| Carcinogenicity | No data available |
| Mutagenicity | No data available |
| Toxicity for reproduction | No data available |
| 11.2 Other information | None |

12. SECTION 12: ECOLOGICAL INFORMATION

| | |
|--|--|
| 12.1 Toxicity | There is no information regarding the mixture but one of the components, Sodium Hydroxide, has been assessed as follows: LC50, Fish, 33-189mg/l, 96 hours LC50, pimephales promelas, 1.4mg/l, (96h) EC50, Daphnia, 40-240mg/l, (48h) Not expected to inhibit aerobic and anaerobic activity. |
| 12.2 Persistence and degradability | Not expected to bioaccumulate. |
| 12.3 Bioaccumulative potential | Not expected to bioaccumulate. |
| 12.4 Mobility in soil | No data available |
| 12.5 Results of PBT and VPVB assessment | No PBT or VPVB Components |
| 12.6 Other adverse effects | None |

13. SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|-------------------------------------|--|
| 13.1 Waste treatment methods | Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum. Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used. |
| 13.2 Additional Information | None |

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14. SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)

| | |
|----------------------------|------------------------|
| UN number | 1760 |
| Proper Shipping Name | Corrosive Liquid N.O.S |
| Transport hazard class(es) | 8 |
| Packing Group | III |
| Hazard label(s) | |



| | |
|------------------------------|------------------|
| Environmental hazards | Marine pollutant |
| Special precautions for user | Not applicable. |

14.2 Sea transport (IMDG)

| | |
|------------------------------|------------------------|
| UN number | 1760 |
| Proper Shipping Name | Corrosive Liquid N.O.S |
| Transport hazard class(es) | 8 |
| Packing Group | III |
| Marine Pollutant | Yes |
| Special precautions for user | Not applicable. |

14.3 Air transport (ICAO/IATA)

| | |
|------------------------------|------------------------|
| UN number | 1760 |
| Proper Shipping Name | Corrosive Liquid N.O.S |
| Transport hazard class(es) | 8 |
| Packing Group | III |
| Environmental hazards | Marine pollutant. |
| Special precautions for user | Not applicable |

14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. SECTION 15: REGULATORY INFORMATION

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

1907/2006 – REACH
 1272/2008 – CLP
 67/548/EEC – DSD
 199/45/EC – DPD
 648/2004/EC-Detergents Directive
 98/8/EC -BPD

15.1.1 EU regulations

Authorisations and/or restrictions on use

Refer to EU regulation for details of any actions or restrictions by the above regulations or directives

15.1.2 National regulations

Refer to national regulation for details of any actions or restrictions by the above regulations or directives

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this mixture.

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16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

| | |
|------|-----------------------------------|
| LTEL | Long Term Exposure Limit |
| STEL | Short Term Exposure Limit |
| STOT | Specific Target Organ Toxicity |
| DNEL | Derived No Effect Level |
| PNEL | Predicted No Effect Concentration |
| RCP | Reciprocal Calculation Procedure |

References: Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate

Risk Phrases and Safety Phrases

R22: Harmful if swallowed.

R35: Causes severe burns.

R41: Risk of serious damage to eyes.

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: In case of contact with skin wash immediately with plenty of soap and water.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S51: Use only in well ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Hazard statement(s) and Precautionary statement(s)

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

P102: Keep out of reach of children.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash skin thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call a POISON CENTRE or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P501: Dispose of contents/container to: hazardous waste site

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Additional Information

This Safety Data Sheet has been produced by d5 Consulting Limited on behalf of Nettex, a division of Rumenco Limited, based on information supplied by the formulators of the product and is believed to be accurate and given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. d5 Consulting Limited and Nettex, a division of Rumenco Limited, shall not be held liable for any damage resulting from handling or from contact with the above product. Nettex, Rumenco Limited and d5 Consulting Limited give no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law.

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