

Machine Detergent

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 - Product identifier

Trade name/designation Machine Detergent

Chemical name

Product-type Mixture

Product code 14979

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

Relevant identified uses

- PC35: Washing and cleaning products
(including solvent based products).

1.3 - Details of the supplier of the safety data sheet

Bidfood

814 Leigh Road

SL1 4BD Slough

Telephone : +44 (0) 1494 55 5900

+44 (0) 1494 55 5900 advice_centre@bidfood.co.uk

1.4 - Emergency telephone number

United Kingdom: +44 (0) 1494 55 5900

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

| | |
|---------------|--------------------------------|
| Skin Corr. 1A | Skin corrosion, Category 1A |
| Eye Dam. 1 | Serious eye damage, Category 1 |

2.2 - Label elements

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

Contains: sodium hydroxide (CAS No.: 1310-73-2)

Signal word : Danger

Hazard pictograms



Hazard statements

| | |
|------|---|
| H314 | Causes severe skin burns and eye damage |
|------|---|

Precautionary statements

| | |
|----------------|--|
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P330+P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting. |

Machine Detergent

| | |
|----------------|---|
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| 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 doctor. |
| P363 | Wash contaminated clothing before reuse. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national regulation. |

EUH-phrases : None

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

| Chemical name | No | % | Class(es) | Specific concentration limit |
|-----------------------------|---|-------|---|------------------------------|
| sodium hydroxide | CAS No. : 1310-73-2 Index No. : 011-002-00-6 EC No. : 215-185-5 | < 10 | Eye Dam. 1 - H318 Skin Corr. 1A - H314 | Not applicable |
| trisodium nitrilotriacetate | CAS No. : 5064-31-3 Index No. : 607-620-00-6 EC No. : 225-768-6 | 0 - 5 | Acute Tox. 4 Oral - H302 Carc. 2 - H351 Eye Irrit. 2 - H319 | Carc. 2 - H351 : 5>=%<=100 |

SECTION 4: First aid measures

4.1 - Description of first aid measures

| | |
|-------------------------------|---|
| <u>Following inhalation</u> | - Provide fresh air. - When in doubt or if symptoms are observed, get medical advice. |
| <u>Following skin contact</u> | - After contact with skin, wash immediately with plenty of water and soap. - Remove contaminated, saturated clothing immediately. - In case of skin reactions, consult a physician. |
| <u>After eye contact</u> | - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. |
| <u>After ingestion</u> | - If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. |

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

| | |
|--|---|
| <u>Symptoms and effects - Following inhalation</u> | - There may be irritation of the throat with a feeling of tightness in the chest. |
|--|---|

Machine Detergent

| | |
|--|---|
| <u>Symptoms and effects - Following skin contact</u> | - Causes skin irritation. |
| <u>Symptoms and effects - After eye contact</u> | - Serious eye damage/eye irritation |
| <u>Symptoms and effects - After ingestion</u> | - There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. |

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

| | |
|---------------------------------------|---|
| <u>Suitable extinguishing media</u> | - ABC-powder - Carbon dioxide (CO ₂) - Foam - Extinguishing powder |
| <u>Unsuitable extinguishing media</u> | - Full water jet |

5.2 - Special hazards arising from the substance or mixture

| | |
|--|-----------------------------|
| <u>Special hazards arising from the substance or mixture</u> | - No information available. |
|--|-----------------------------|

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

| | |
|------------------------------------|--|
| <u>For non-emergency personnel</u> | - Use personal protection equipment. - Wear breathing apparatus if exposed to vapours/dusts/aerosols. |
| <u>For emergency responders</u> | - No information available. |

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Contain the spillage using bunding.
- Ensure waste is collected and contained.
- Small spillages can be rinsed away with plenty of water.

6.3 - Methods and material for containment and cleaning up

| | |
|---|--|
| <u>Methods and material for containment</u> | - Soak up inert absorbent and dispose as waste requiring special attention. - Clear spills immediately. |
| <u>Methods and material for cleaning up</u> | - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). - Clear contaminated areas thoroughly. |

Machine Detergent

Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- It is recommended to design all work processes always so that the following is excluded: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact
- Avoid:Eye contact
- Avoid:Skin contact
- Ensure adequate ventilation
- Use personal protective equipment.

Advices on general occupational hygiene

- Avoid contact with skin, eyes and clothes.
- Wash contaminated clothing prior to re-use.
- Wash hands before breaks and after work.
- When using do not eat, drink, smoke, sniff.
- Work in well-ventilated zones or use proper respiratory protection.

7.2 - Conditions for safe storage, including any incompatibilities

- Store in a place accessible by authorized persons only.
- Keep away from: Food and feedingstuffs
- Only use containers specifically approved for the substance/product.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls - Ensure there is sufficient ventilation

Individual protection measures, such as personal protective equipment - Eye protection

- Protective Clothing
- Protective gloves



Machine Detergent

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

| <u>Physical state</u> | Liquid | <u>Appearance</u> | Liquid |
|-------------------------------|-------------------|-------------------|-----------|
| <u>Colour</u> | clear | <u>Odour</u> | odourless |
| Odour threshold | No data available | | |
| pH | 13 | | |
| Melting point | No data available | | |
| Freezing point | No data available | | |
| Boiling point | No data available | | |
| Flash point | No data available | | |
| Evaporation rate | No data available | | |
| flammability | No data available | | |
| Lower explosion limit | No data available | | |
| Upper explosion limit | No data available | | |
| Vapour pressure | No data available | | |
| Vapour density | No data available | | |
| Relative density | No data available | | |
| Density | No data available | | |
| Solubility (Water) | Soluble in water. | | |
| Solubility (Ethanol) | No data available | | |
| Solubility (Acetone) | No data available | | |
| Solubility (Organic solvents) | No data available | | |
| Log KOC | No data available | | |
| Auto-ignition temperature | No data available | | |
| Decomposition temperature | No data available | | |
| Kinematic viscosity | No data available | | |
| Dynamic viscosity | Non-viscous | | |

Particle characteristics

| | |
|---------------|-------------------|
| Particle size | No data available |
|---------------|-------------------|

9.2 - Other information

| | |
|-------------------------|-------------------|
| VOC content | No data available |
| Minimum ignition energy | No data available |
| Conductivity | No data available |

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

Machine Detergent

10.4 - Conditions to avoid

- Avoid direct sunlight.
- Avoid excessive heat for prolonged periods of time.

10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

| | |
|---------------------------------------|-------------------|
| LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LD50 dermal (rabbit) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Skin corrosion, Category 1A - Causes severe skin burns and eye damage
- Corrosive.

Serious eye damage/eye irritation - Serious eye damage, Category 1
- Risk of serious damage to eyes.
- Causes serious eye irritation.
- Corrosive.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

SECTION 12: Ecological information

Machine Detergent

12.1 - Toxicity

Toxicity : Mixture

| | |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

Toxicity : Substances

| sodium hydroxide (1310-73-2) | |
|------------------------------|-----------|
| EC50 48 hr crustacea | 156 mg/l |
| LC50 96 hr fish | 55.6 mg/l |

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

| | |
|---------------------------------|-------------------|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD) | No data available |
| % of biodegradation in 28 days | No data available |

- No information available.

12.3 - Bioaccumulative potential

| | |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log KOC | No data available |

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

| | |
|--------------------------------|---|
| <u>Waste treatment methods</u> | - Dispose of waste according to applicable legislation. |
| <u>Sewage disposal</u> | - No information available. |

Machine Detergent

| | |
|---|--|
| <u>Special precautions for waste treatment</u> | - Waste for disposal is to be classified and labelled. - Do not mix with other wastes. - Consult the appropriate local waste disposal expert about waste disposal. |
| <u>Community or national or regional provisions</u> | - No information available. |

SECTION 14: Transport information

14.1 - UN number or ID number

| | | |
|-------------------------|---|----------------|
| <u>UN number (ADR)</u> | : | UN1719 |
| <u>UN number (RID)</u> | : | Not applicable |
| <u>UN number (ADN)</u> | : | Not applicable |
| <u>UN number (IMDG)</u> | : | Not applicable |
| <u>UN number (IATA)</u> | : | Not applicable |

14.2 - UN proper shipping name

| | | |
|--------------------------------------|---|-------------------------------|
| <u>UN proper shipping name (ADR)</u> | : | CAUSTIC ALKALI LIQUID, N.O.S. |
|--------------------------------------|---|-------------------------------|

14.3 - Transport hazard class(es)

| | | |
|---------------------------------------|---|----|
| <u>ADR Transport hazard class(es)</u> | : | 8 |
| <u>ADR Classification code:</u> | : | C5 |
| <u>Pictograms</u> | | |



Pictograms

14.4 - Packing group

| | | |
|----------------------|---|-----|
| <u>Packing group</u> | : | III |
|----------------------|---|-----|

14.5 - Environmental hazards

| | | |
|------------------------------|---|----|
| <u>Environmental hazards</u> | : | No |
| <u>Marine pollutant</u> | : | No |

14.6 - Special precautions for user

Machine Detergent

ADR

| | | |
|--|---|-----------------|
| <u>ADR Classification code:</u> | : | C5 |
| <u>ADR Special provisions</u> | : | 274 |
| <u>ADR Limited quantity (LQ)</u> | : | 5L |
| <u>ADR Excepted quantities</u> | : | E1 |
| <u>ADR Packing instructions</u> | : | P001 IBC03 R001 |
| <u>ADR Special packing provisions</u> | : | |
| <u>ADR Mixed packing provisions</u> | : | MP19 |
| <u>Instructions for portable tanks and bulk containers</u> | : | T7 |
| <u>Special provisions for portable tanks and bulk containers</u> | : | TP1 TP28 |
| <u>ADR tank code</u> | : | L4BN |
| <u>ADR tanks special provisions</u> | : | |
| <u>Vehicle for tank carriage</u> | : | AT |
| <u>ADR Transport category</u> | : | 3 |
| <u>ADR Tunnel restriction code</u> | : | E |
| <u>ADR Special provisions loading, unloading and handling</u> | : | |
| <u>Special provisions - Packages</u> | : | V12 |
| <u>Special provisions - Bulk</u> | : | |
| <u>Special provisions - Operation</u> | : | |
| <u>ADR Hazard identification number (Kemler No.)</u> | : | 80 |

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

| | |
|------------------------------------|-------------------|
| <u>Substances REACH candidates</u> | None |
| <u>Substances Annex XIV</u> | None |
| <u>Substances Annex XVII</u> | None |
| <u>VOC content</u> | No data available |

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

| Version | Issue date | Author | Description of the amendments |
|---------|------------|--------|-------------------------------|
| 1 | 22/06/2022 | | |

Texts of the regulatory sentences

| | |
|-------------------|------------------------------------|
| Acute Tox. 4 Oral | Acute toxicity (oral) - Category 4 |
| Carc. 2 | Carcinogenicity - Category 2 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation - Category 2 |

Machine Detergent

| | |
|---------------|--|
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H319 | Causes serious eye irritation |
| H351 | Suspected of causing cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard |
| Skin Corr. 1A | Skin corrosion, Category 1A |

*** **