

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Biodegradable Wipes

Compilation date: 01/12/2023

Revision date: N/A

Revision No: 1

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

1.1. Product identifier

Product name: SD50 Broad Spectrum Disinfectant Biodegradable Wipes

Product code: SD50 Wipes

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

This is a multi-surface wiping product that is safe for consumers and other users under normal and reasonably foreseeable use. While the product is not considered hazardous, this MSDS contains valuable information for safe handling and any large spills and exposures.

1.3. Details of the supplier of the safety data sheet

Company name: ClearTrace Infection Control Limited

Company Address: Registered Offices
CMA Offices
33 Manor Row
Bradford
West Yorkshire
BD1 4PS
UK

Tel: +44 (0) 1524 220 225

Fax:

Email: office@cleartrace.co.uk

1.4. Emergency telephone number

Emergency Tel: NHS 111

NHS Direct Wales 0845 46 47

ROI 01 809 2166

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

Section 2: Hazards identification

2.1. Classification of the substance or mixture according to Regulation (EC) No 1272/2008 (CLP)

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

Other hazards: This product has no other hazards.

Section 3: Composition/information on ingredients

3.2. Mixtures

Contains:

1. Benzalkonium chloride

Concentration	0.6 - 0.8 % (weight)
EC no.	270 - 352 - 2
CAS no.	68424 - 85 - 1

- Acute toxicity, dermal, Cat.3
- Acute toxicity, oral, Cat. 3
- Eye damage/irritation, Cat. 1
- Hazardous to the aquatic environment – acute hazard, Cat. 1
- Skin corrosion/irritation, Cat.1C

H301	Toxic if swallowed
H311	Toxic if contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H400	Very toxic to aquatic life

2. Benzalkonium chloride

Concentration	0.2 - 0.4 % (weight)
EC no.	230 - 525 - 2
CAS no.	7173 - 51 - 5
Index no.	612 - 131 - 00 - 6

- Acute toxicity, oral, Cat. 3
- Eye damage/irritation, Cat. 1
- Hazardous to the aquatic environment – acute hazard, Cat. 1
- Hazardous to the aquatic environment – long term hazard, Cat. 2
- Skin corrosion/irritation, Cat.1C

H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

3. Sodium ethylhexyl sulfate

Concentration

0.2 - 0.4 % (weight)

CAS no.

126-92-1

H315

Causes skin irritation

H319

Causes serious eye irritation

4. Amine Oxides

Concentration

0.2 - 0.4 % (weight)

EC no.

931-292-6

CAS no.

308062-28-4

H315

Causes skin irritation

H318

Causes serious eye damage

Section 4: First aid measures

4.1. Description of first aid measures

General notes:

Use common sense when using this product

Inhalation:

Call a poison centre or doctor if you feel unwell. If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Eye contact:

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.

Acute and delayed symptoms and effects: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:

Call a poison centre or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

Not applicable

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Immediate / special treatment: Not applicable.

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Advice for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Vapours may form explosive mixtures with air. Flammable liquid and vapor. Cool containers with flooding quantities of water until well after fire is out. Vapours are heavier than air and may travel to a source of ignition and flash back.

5.3. Additional information

Use water spray to cool unopened containers.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection see section 8.

Wear respiratory protection if necessary. Use personal protective equipment. Avoid breathing mist, vapours and spray. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

Sand and or Absorbent foam

6.4. Reference to other sections

For disposal see section 13.

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

Section 7: Handling and storage

7.1. Precautions for safe handling

Do not swallow this product.
Do not get the product in your eyes.
Avoid inhalation of vapor or mist.
See Section 8 for information on Personal Protective Equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed.

7.3. Specific end use(s)

Specific end use (s): Sanitiser.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Specific end use (s): No data available.

Workplace exposure limits: No data available.

8.2. Exposure controls

Appropriate engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye and face protection: To protect your eyes/face (e.g., if responding to a large spill), wear safety glasses. Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Skin protection: To protect your hands (e.g., if responding to a large spill), wear protective gloves (rubber, chemical resistant). Consult manufacturer specifications for further information. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection: To protect your skin (e.g., if responding to a large spill), wear protective clothing. The clothing should be impervious, flame retardant and antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

Thermal hazards: No data available.

Environmental exposure controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	White wipe, Biodegradable Viscose material. Impregnated with ClearTrace SD50 fluid.
Odour:	Light
Odour threshold:	No data available.
pH:	7.0
Melting point:	No data available.
Freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper / lower flammability limits:	No data available.
Upper / lower explosive limits:	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Solubilit(ies):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidising properties:	No data available.

9.2. Other information

No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal storage conditions.

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

10.3. Possibility of hazardous reactions**Hazardous reactions:** No data available.**10.4. Conditions to avoid**

Hazardous reactions will not occur under normal transport or storage conditions.

Heat, flames and sparks.

Keep away from open flames, hot surfaces and sources of ignition.

Incompatible products.

10.5. Incompatible materials

Strong oxidizing agents.

Strong reducing agents.

Strong bases.

Strong acids.

Peroxides.

Halogenated compounds.

Alkali metals.

Amines.

Chlorine.

Aldehydes.

10.6. Hazardous decomposition products

Not applicable

Section 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity:****Likely routes of Exposure:** Eye contact.

Skin contact.

Inhalation.

Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Skin corrosion/irritation: Not expected from normal use.

Discontinue use if you experience any skin irritation and seek medical advice if condition persists

Serious eye damage / irritation: Causes serious eye irritation.

May cause eye irritation.

Not expected from normal use.

Discontinue use if you experience any eye irritation.

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

Respiratory or skin sensitisation: Not expected from normal use.
Discontinue use if you experience any irritation or sensitization.

Germ cell mutagenicity: No data available.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: No data available.

Summary of evaluation of the CMR properties: No data available.

STOT single exposure: May cause drowsiness or dizziness.

STOT repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12: Ecological information**11.1. Toxicity**

No data available.

12.2. Persistence and degradability

Product is Biodegradable in Seawater.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides: Readily biodegradable per Lonza study and OECD 302a.

http://dissemination.echa.europa.eu/Biocides/ActiveSubstances/0063-08/Data_009.pdf

Didecyldimethylammonium chloride: Per ECHA profile readily biodegradable (100%)

<https://echa.europa.eu/brief-profile/-/briefprofile/100.027.751>

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

SAFETY DATA SHEET

SD50 Broad Spectrum Disinfectant Wipes

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

2010/75/EU Directive 2010/75/EU: This product does not contain relevant amounts of "Volatile Organic Compounds" (VOC).

Canadian Domestic Substances List (DSL) Chemical name: Sulfuric acid, mono(2-ethylhexyl) ester, sodium salt
CAS: 126-92-1

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.