
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Select Disinfectant Cleaner
- UFI:

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

- Use of the substance/mixture: Disinfectant

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: National Veterinary Services Ltd.
- Address of Supplier: National Veterinary Services Ltd.
Unit C250, Iron Place
Spitfire House
Stoke-on-Trent
ST1 5FG
- Telephone: +44 (0) 1782 771 100
- Email: nvs.enquiry@nvs-ltd.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1606 591 900
-

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Skin Corr. 1B, Aquatic Chronic 2

2.2 Label elements



GHS05



GHS09

- Signal Word: Danger

Hazard statements

- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H411 - Toxic to aquatic life with long lasting effects.
- H373 - May cause damage to organs through prolonged or repeated exposure by ingestion

Precautionary statements

- P281 - Use personal protective equipment as required.
 - P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.
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SECTION 2: Hazards identification (....)

Rinse skin with water [or shower].

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P314 - Get medical advice/attention if you feel unwell.

P405 - Store locked up.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

2.3 Other hazards

- Contains: Polyhexamethylene biguanide hydrochloride; PHMB
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL,
CHLORIDES
-

SECTION 3: Composition/information on ingredients**3.2 Mixtures****ALCOHOLS, C9-11 ETHOXYLATED**

CAS Number:	68439-46-3
EC Number:	Not applicable
Concentration:	1 - 3.0%
Specific Concentration Limits:	Not applicable
M factor:	Not applicable
Acute toxicity estimate:	
Categories:	Acute Tox. 4, Eye Dam. 1
Symbols:	GHS05, GHS07
H Statements:	H302, H318

polyhexamethylene biguanide hydrochloride; PHMB

CAS Number:	32289-58-0
EC Number:	Not applicable
Concentration:	0.1 - 1.0%
Specific Concentration Limits:	Not applicable
M factor:	Not applicable
Acute toxicity estimate:	Not applicable
Categories:	Acute Tox. 2, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 1
Symbols:	GHS08;GHS06;GHS05;GHS09
H Statements:	H351;H330;H302;H372;H318;H317;H400;H410

DIPROPYLENEGLYCOL METHYLETER

CAS Number:	34590-94-8
EC Number:	252-104-2
Concentration:	1 - 3%
Specific Concentration Limits:	Not applicable
M factor:	Not applicable
Acute toxicity estimate:	Not applicable
Categories:	Not applicable

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL,
CHLORIDES**

SECTION 3: Composition/information on ingredients (....)

CAS Number: 68424-85-1
EC Number: 270-325-2
Concentration: 1 - 5%
Specific Concentration Limits: Not applicable
M factor: 1
Acute toxicity estimate: Not applicable
Categories: Met. Corr. 1, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1
H Statements: H290, H302, H314, H318, H400, H410
M factor, acute: 1

tetrasodium ethylene diamine tetraacetate

CAS Number: 64-02-8
EC Number: 200-573-9
Concentration: 0.1 - 1%
Specific Concentration Limits: Not applicable
M factor: Not applicable
Acute toxicity estimate: Not applicable
Categories: Acute Tox. 4, Eye Dam. 1
Symbols: GHS05;GHS07
H Statements: H302;H318

trisodium nitrilotriacetate

CAS Number: 5064-31-3
EC Number: 225-768-6
Concentration: 0.01 - 0.08%
Specific Concentration Limits: Not applicable
M factor: Not applicable
Acute toxicity estimate: Not applicable
Categories: Acute Tox. 4, Eye Irrit. 2, Carc. 2
Symbols: GHS08;GHS07
H Statements: H351;H302;H319

GLYCINE, N-(CARBOXYMETHYL)-N-[2-[(CARBOXYMETHYL)AMINO]ETHYL]-, TRISODIUM SALT

CAS Number: 19019-43-3
EC Number: Not applicable
Concentration: 0.01 - 0.08%
Specific Concentration Limits: Not applicable
M factor: Not applicable
Acute toxicity estimate: Not applicable
Categories: Eye Irrit. 2
Symbols: GHS07
H Statements: H319

SODIUM GLYCOLATE

CAS Number: 2836-32-0

SECTION 3: Composition/information on ingredients (....)

EC Number:	220-624-9
Concentration:	0.01 - 0.08%
Specific Concentration Limits:	Not applicable
M factor:	Not applicable
Acute toxicity estimate:	Not applicable
Categories:	Skin Irrit. 2, Eye Dam. 1
Symbols:	GHS05
H Statements:	H315, H318

sodium hydroxide; caustic soda

CAS Number:	1310-73-2
EC Number:	215-185-5
Concentration:	0.01 - 0.08%
Specific Concentration Limits:	Not applicable
M factor:	Not applicable
Acute toxicity estimate:	Not applicable
Categories:	Skin Corr. 1A
Symbols:	GHS05
H Statements:	H314

PHOSPHORIC ACID >25 ...%

CAS Number:	7664-38-2
EC Number:	231-633-2
Concentration:	0.01 - 0.15%
Specific Concentration Limits:	Not applicable
M factor:	Not applicable
Acute toxicity estimate:	Not applicable
Categories:	Met. Corr. 1, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1
Symbols:	GHS05, GHS07
H Statements:	H290, H302, H314, H318
REACH Registration Number:	01-2119485924-24-XXXX

SECTION 4: First aid measures**4.1 Description of first aid measures**

- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.

4.2 Most important symptoms and effects, both acute and delayed**4.3 Indication of any immediate medical attention and special treatment needed**

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

SECTION 5: Firefighting measures (....)

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- No special precautions are required for this product
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear eye/face protection
- Wear protective clothing as per section 8

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

- No special precautions are required for this product
- Collect spillage.

6.4 Reference to other sections

- See Section 8, 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Do not handle until all safety precautions have been read and understood.
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Get medical advice/attention if you feel unwell.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.
- Keep cool.
- Store at ambient temperature
- Avoid contact with acid
- Keep away from oxidising substances
- Store locked up.

7.3 Specific end use(s)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No information available

DIPROPYLENEGLYCOL METHYLEETHER

DNEL (Industry; dermal, long term systemic effects): 283 mg/kg/day
DNEL (Industry; inhalational, long term systemic effects): 308 mg/kg
DNEL (Consumer; dermal, long term systemic effects): 121 mg/kg/day
DNEL (Consumer; inhalational, long term systemic effects): 37.2 mg/m³
DNEL (Consumer; oral, long term systemic effects): 36 mg/kg/day

SECTION 8: Exposure controls/personal protection (....)

trisodium nitrilotriacetate

- DNEL (Industry; inhalational, long term systemic effects): 3.5 mg/m³
- DNEL (Industry; inhalational, short term systemic effects): 5.25 mg/m³

sodium hydroxide; caustic soda

- DNEL (Consumer; inhalational, long term local effects): 1 mg/m³
- DNEL (Industry; dermal, short term local effects): 2 mg/kg/day
- DNEL (Industry; inhalational, short term local effects): 2 mg/m³
- DNEL (Industry; inhalational, long term local effects): 1 mg/m³

PHOSPHORIC ACID >25 ...%

- DNEL (Industry; inhalational, long term local effects): 2.92 mg/m³
- DNEL (Industry; inhalational, long term systemic effects): 1 mg/m³
- DNEL (Industry; inhalational, short term local effects): 2 mg/m³
- DNEL (Consumer; inhalational, long term local effects): 0.73 mg/m³

8.2 Exposure controls



Goggles



Gloves

- See Section 2

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Blue, Clear, Green, Lavender
- Odour: Apple, Lavender, Mint, Odourless
- Melting point/Range: Not applicable
- Boiling Point/Range: >100°
- Flammability: Not flammable
- pH: 6 - 7.5
- Solubility in water: Completely soluble in water
- Density: Not applicable
- Flashpoint: >93°C

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

SECTION 10: Stability and reactivity (....)

- Extremes of temperature

10.5 Incompatible materials

- Incompatible with acid
- Avoid contact with oxidising substances

10.6 Hazardous decomposition products

- May give off noxious and toxic fumes in a fire

SECTION 11: Toxicological information

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

Acute toxicity

Not applicable

Estimated LD₅₀ (oral) (ATE) : 6289.308 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : 50 mg/l/4hr (gas/vapour)

DIPROPYLENEGLYCOL METHYLEETHER

LD₅₀ (oral, rat): 8740 mg/kg

LD₅₀ (dermal, rabbit): 9510 mg/kg

LC₅₀ (inhalation, rat): 3404.47 vapours mg/l

trisodium nitrilotriacetate

LD₅₀ (oral, rat): 1740 mg/kg

sodium hydroxide; caustic soda

LD₅₀ (oral, rabbit): >500 mg/kg

PHOSPHORIC ACID >25 ...%

LD₅₀ (oral, rat): 301.0 mg/kg

LD₅₀ (dermal, rabbit): 2750 mg/kg

Skin corrosion/irritation

May cause irritation

Serious eye damage/irritation

Can cause damage to the eyes

Respiratory or skin sensitisation

Not applicable

Germ cell mutagenicity

No information available

Carcinogenicity

No evidence of carcinogenic effects

Reproductive toxicity

Not applicable

STOT (specific target organ toxicity) - single exposure

SECTION 11: Toxicological information (....)

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard**11.2 Information on other hazards**

SECTION 12: Ecological information**12.1 Toxicity**

- No information available

ALCOHOLS, C9-11 ETHOXYLATED

EC₅₀ (daphnia): 13.4 mg/l (48 hr)

LC₅₀ (fish): 23.7 mg/l (96 hr)

DIPROPYLENEGLYCOL METHYLEETHER

EC₅₀ (daphnia): 1919 mg/l (48 hr)

LC₅₀ (fish): >1000 mg/l (96 hr)

DIPROPYLENEGLYCOL METHYLEETHER

PNEC (Fresh water): 19 mg/l

PNEC (intermittent): 190 mg/l

PNEC (Marine water): 1.9 mg/l

PNEC (Sediment; fresh water): 70.2 mg/kg/day

PNEC (Sediment; marine water): 7.02 mg/kg/day

PNEC (Soil): 2.74 mg/kg/day

PNEC (STP): 4168 mg/l

tetrasodium ethylene diamine tetraacetate

LC₅₀ (fish): >100 mg/l (96 hr)

trisodium nitrilotriacetate

PNEC (Fresh water): 0.93 mg/l

PNEC (intermittent): 0.915 mg/l

PNEC (Marine water): 0.093 mg/l

PNEC (Sediment; fresh water): 3.64 mg/kg

PNEC (Sediment; marine water): 0.364 mg/kg

PNEC (Soil): 0.182 mg/kg

sodium hydroxide; caustic soda

EC₅₀ (daphnia): 40-240 mg/l (48 hr)

LC₅₀ (fish): 33-189 mg/l (96 hr)

PHOSPHORIC ACID >25 ...%

EC₅₀ (daphnia): >100 mg/l (48 hr)

LC₅₀ (fish): 3-3.25 mg/l (96 hr)

SECTION 12: Ecological information (....)

12.2 Persistence and degradability

12.3 Bioaccumulative potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- Completely soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- Not applicable

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information



Dangerous Substance



Environmentally hazardous

14.1 UN number or ID number

- UN No.: 3082

14.2 UN proper shipping name

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 9

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

- Marine Pollutant
- Environmentally hazardous

14.6 Special precautions for user

- Contains: QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES

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

- Refer to current CLP Regulations

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H330: Fatal if inhaled. H351: Suspected of causing cancer. H372: Causes damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

All information correct at time of printing.

--- end of safety datasheet ---
