
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: NVS SELECT DISINFECTANT CONCENTRATE
- UFI:
- Product Part Number: 954664, 954937, 954949 , 954950

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

- Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: National Veterinary Services Limited
- Address of Supplier: National Veterinary Services Limited
Iron Place,
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 Corr. 1B, STOT SE 3, Aquatic Chronic 3

2.2 Label elements



GHS05

- Signal Word: Danger

Hazard statements

- H314 - Causes severe skin burns and eye damage.
- H412 - Harmful to aquatic life with long lasting effects.
- H335 - May cause respiratory irritation.

Precautionary statements

- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P310 - Immediately call a POISON CENTER or doctor/physician.

SECTION 2: Hazards identification (....)

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P405 - Store locked up.
P273 - Avoid release to the environment.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

- Contains: Didecyldimethylammonium chloride

SECTION 3: Composition/information on ingredients**3.2 Mixtures****didecyldimethylammonium chloride**

CAS Number: 7173-51-5
EC Number: 230-525-2
Concentration: < 5%
Specific Concentration Limits: Not applicable
M factor: Not applicable
Acute toxicity estimate: Not available
Categories: Acute Tox. 4, Skin Corr. 1B
Symbols: GHS05;GHS07
H Statements: H302;H314

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

CAS Number: 68424-85-1
EC Number: 270-325-2
Concentration: < 1%
Specific Concentration Limits: Not applicable
M factor: 1
Acute toxicity estimate: Not available
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

glutaral; glutaraldehyde; 1,5-pentanedial

CAS Number: 111-30-8
EC Number: 203-856-5
Concentration: < 1%
Specific Concentration Limits: Not applicable
M factor: 1
Acute toxicity estimate: Not available
Categories: Acute Tox. 2, Acute Tox. 3, Skin Corr. 1B, Resp. Sens. 1, Skin Sens. 1A, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2
Symbols: GHS06;GHS05;GHS08;GHS09

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

H Statements: H330;H301;H335;H314;H334;H317;H400;H411;EUH071
M factor, acute: 1

SECTION 4: First aid measures

4.1 Description of first aid measures

- Call a POISON CENTRE or doctor if you feel unwell.
- 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

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- No special precautions are required for this product
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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

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.
- Call a POISON CENTRE or doctor 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.
-

SECTION 7: Handling and storage (....)

- 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

propan-2-ol; isopropyl alcohol; isopropanol

DNEL (Industry; dermal, long term systemic effects): 888 mg/kg/day
DNEL (Industry; inhalational, long term systemic effects): 500 mg/m³
DNEL (Consumer; dermal, long term systemic effects): 319 mg/kg/day
DNEL (Consumer; inhalational, long term systemic effects): 89 mg/m³
DNEL (Consumer; oral, long term systemic effects): 26 mg/kg/day

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

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

8.2 Exposure controls**Goggles****Gloves**

- See Section 2
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
 - Colour: Clear, Blue, Green, Lavender
 - Odour: Apple, Lavender, Mint, Odourless
 - Melting point/Range: Not applicable
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SECTION 9: Physical and chemical properties (....)

- Boiling Point/Range: >100 °C
- Flammability: Not flammable
- pH: 6 - 8
- Solubility in water: Completely soluble in water
- Density: Not available
- 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

- 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
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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) : 3937.008 mg/kg

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

Estimated LD₅₀ (inhalational) (ATE) : 52.63158 mg/l/4hr (gas/vapour)

didecyldimethylammonium chloride

LD₅₀ (oral, rat): 238 mg/kg

LD₅₀ (dermal, rabbit): 3342 mg/kg

propan-2-ol; isopropyl alcohol; isopropanol

LD₅₀ (oral, rat): 4570 mg/kg

LD₅₀ (dermal, rabbit): 13400 mg/kg

LC₅₀ (inhalation, rat): 30 vapours mg/l

DIPROPYLENEGLYCOL METHYLEETHER

LD₅₀ (oral, rat): 8740 mg/kg

SECTION 11: Toxicological information (....)

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

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

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

propan-2-ol; isopropyl alcohol; isopropanol

PNEC (Fresh water): 140.9 mg/l

PNEC (intermittent): 140.9 mg/l

PNEC (Marine water): 140.9 mg/l

PNEC (Sediment; fresh water): 552 mg/kg

PNEC (Sediment; marine water): 552 mg/kg

PNEC (Soil): 28 mg/kg

PNEC (STP): 2251 mg/l

SECTION 12: Ecological information (....)**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 tetraacetateLC₅₀ (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 sodaEC₅₀ (daphnia): 40-240 mg/l (48 hr)LC₅₀ (fish): 33-189 mg/l (96 hr)**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

SECTION 13: Disposal considerations (....)

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information

The product does not meet the criteria for classification as a Class 8 material under ADR/IMDG/IATA transport regulations due to its low concentration of corrosive components.

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

14.6 Special precautions for user

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:-
EUH071: Corrosive to the respiratory tract. H290: May be corrosive to metals. H301: Toxic if swallowed. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H330: Fatal if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects.**

All information correct at time of printing.

--- end of safety datasheet ---
