



NERTA CARNET JUMBO

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 10/28/2005

Revision date: 5/8/2018

Supersedes: 4/4/2018 Version: 10.5

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

1.1. Product identifier

Product form : Mixtures
Product name : NERTA CARNET JUMBO
Product code : ENT-910901
Type of product : Cleaning product

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

1.2.1. Relevant identified uses

| Title | Use descriptors |
|---|---|
| | SU3, SU22, PC35, PROC7, PROC8a, PROC8b, PROC10, PROC11, ERC8a |
| Transfer of professional product to a container (bottle/bucket/machine) (Association ref code: AISE GEIS.8a.1.a.v1) | SU22, PC35, PROC8a, ERC8a, AISE SPERC 8a.1.a.v2 |
| Transfer of professional product via a dedicated system (bottle/machine) (Association ref code: AISE GEIS.8b.1.a.v1) | SU22, PC35, PROC8b, ERC8a, AISE SPERC 8a.1.a.v2 |
| (Trigger) spraying of a diluted professional product (Association ref code: AISE GEIS.11.1.a.v1) | SU22, PC35, PROC11, ERC8a, AISE SPERC 8a.1.a.v2 |
| Low-pressure foam spraying of professional products (Association ref code: AISE GEIS.11.1.c.v1) | SU22, PC35, PROC11, ERC8a, AISE SPERC 8a.1.a.v2 |
| Brushing a diluted professional product (Association ref code: AISE GEIS.10.1.a.v1) | SU22, PC35, PROC10, ERC8a, AISE SPERC 8a.1.a.v2 |

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Nerta Queensland PTY LTD
11852 Marlborough-Sarina Rd
Lotus Park M/S 898 MARLBOROUGH, Queensland 4705 - Australia
T 0435 558 515
sales@nerta.com.au

1.4. Emergency telephone number

Emergency number : 13 11 26

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1 H318

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

May be corrosive to metals. Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

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| | |
|--------------------------------|---|
| Signal word (CLP) | : Danger |
| Hazardous ingredients | : Fatty alcohol ethoxylated |
| Hazard statements (CLP) | : H318 - Causes serious eye damage. |
| Precautionary statements (CLP) | : P280 - Wear eye protection, face protection, protective clothing, protective gloves. 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, a POISON CENTER. |

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|--------|--|
| Ethylenediaminetetraacetic acid, tetrasodium salt | (CAS-No.) 64-02-8 (EC-No.) 200-573-9 (EC Index-No.) 607-428-00-2 (REACH-no) 01-2119486762-27 | 1 - 10 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Fatty alcohol ethoxylated | (CAS-No.) 68439-50-9 (REACH-no) POLYMER | 1 - 10 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| Sodium Xylenesulphonate | (CAS-No.) 1300-72-7 (EC-No.) 215-090-9 (REACH-no) 01-2119513350-56 | 1 - 10 | Eye Irrit. 2, H319 |
| Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl)dimethyl, ethoxylated, chlorides | (CAS-No.) 1554325-20-0 | 1 - 10 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| 2-(2-butoxyethoxy)ethanol | (CAS-No.) 112-34-5 (EC-No.) 203-961-6 (EC Index-No.) 603-096-00-8 (REACH-no) 01-2119475104-44 | < 1 | Eye Irrit. 2, H319 |
| Sodium hydroxide | (CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27 | < 1 | Skin Corr. 1A, H314 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|------------------|---|--|
| Sodium hydroxide | (CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27 | (0.5 =<C < 2) Eye Irrit. 2, H319 (0.5 =<C < 2) Skin Irrit. 2, H315 (2 =<C < 5) Skin Corr. 1B, H314 (C >= 5) Skin Corr. 1A, H314 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|------------------------------------|---------------------------|
| Symptoms/effects after eye contact | : Serious damage to eyes. |
|------------------------------------|---------------------------|

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store in a well-ventilated place. Keep cool. Keep out of direct sunlight.

Incompatible materials : Metals.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Safety glasses. Protective clothing. Gloves.

Hand protection : Chemical resistant gloves (according to European standard NF EN 374 or equivalent). EN 374

Eye protection : Safety glasses. Use eye protection according to EN 166, designed to protect against liquid splashes. EN 166

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Suitable respiratory equipment : B" (EN 141)"



Environmental exposure controls : Avoid release to the environment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Liquid |
| Colour | : brown. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : ≈ 11.4 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : ≈ 1.1 |
| Solubility | : Soluble in water. |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

metals.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)

| | |
|----------------------------|-------------------------------|
| LD50 oral | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | 1000 - 5000 mg/m ³ |

Sodium Xylenesulphonate (1300-72-7)

| | |
|-------------|------------|
| LD50 oral | 7200 mg/kg |
| LD50 dermal | 2000 mg/kg |

Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl)dimethyl, ethoxylated, chlorides (1554325-20-0)

| | |
|---------------|------------------|
| LD50 oral rat | 300 - 2000 mg/kg |
|---------------|------------------|

2-(2-butoxyethoxy)ethanol (112-34-5)

| | |
|---------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
|---------------|--------------|

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| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|--|
| LD50 dermal rabbit | > 2000 mg/kg |
| Sodium hydroxide (1310-73-2) | |
| LD50 oral rat | > 191 mg/kg |
| LD50 dermal rabbit | 1350 mg/kg |
| Skin corrosion/irritation | : Not classified pH: ≈ 11.4 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: ≈ 11.4 |
| 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 |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.

| Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8) | |
|--|--------------|
| LC50 fish 1 | > 100 mg/l |
| EC50 Daphnia 1 | > 100 mg/l |
| EC50 72h algae (1) | > 100 mg/l |
| NOEC chronic fish | >= 36.9 mg/l |
| NOEC chronic crustacea | 25 mg/l |

| Sodium Xylenesulphonate (1300-72-7) | |
|--|-----------|
| LC50 fish 1 | 1000 mg/l |
| EC50 Daphnia 1 | 1000 mg/l |
| EC50 72h algae (1) | 230 mg/l |

| Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl)dimethyl, ethoxylated, chlorides (1554325-20-0) | |
|---|-----------------|
| LC50 fish 1 | > 10 - 100 mg/l |
| EC50 Daphnia 1 | > 1 - 10 mg/l |
| EC50 72h algae (1) | > 1 - 10 mg/l |

| 2-(2-butoxyethoxy)ethanol (112-34-5) | |
|---|-------------|
| LC50 fish 1 | ≈ 1300 mg/l |
| EC50 Daphnia 1 | > 100 mg/l |
| EC50 96h algae (1) | > 100 mg/l |

| Sodium hydroxide (1310-73-2) | |
|-------------------------------------|---------------|
| LC50 fish 1 | 45.4 mg/l |
| EC50 Daphnia 1 | 33 - 100 mg/l |

12.2. Persistence and degradability

| NERTA CARNET JUMBO | |
|-------------------------------|---|
| Persistence and degradability | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. Contained surfactants are over 90 % biodegradable. Product is biodegradable. |

| Fatty alcohol ethoxylated (68439-50-9) | |
|---|------------------|
| Persistence and degradability | Not established. |

| Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl)dimethyl, ethoxylated, chlorides (1554325-20-0) | |
|---|------------------------|
| Persistence and degradability | Readily biodegradable. |

12.3. Bioaccumulative potential

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| Fatty alcohol ethoxylated (68439-50-9) | |
|--|------------------|
| Bioaccumulative potential | Not established. |

| Quaternary ammonium compounds, C12-14-alkyl(hydroxyethyl)dimethyl, ethoxylated, chlorides (1554325-20-0) | |
|--|---------------------------|
| Bioaccumulative potential | Bioaccumulation unlikely. |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Regional legislation (waste) | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. Must follow special treatment according to local regulation. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste. Dispose in a safe manner in accordance with local/national regulations. The packaging has to be emptied completely. |

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Indication of changes:

Relevant identified uses.

Abbreviations and acronyms:

| | |
|-------|---|
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| vPvB | Very Persistent and Very Bioaccumulative |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H- and EUH-statements:

| | |
|----------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1A |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |
| AISE SPERC 8a.1.a.v2 | Wide Dispersive Use in 'Down the Drain' cleaning and maintenance products (Consumers and Professionals) |
| ERC8a | Wide dispersive indoor use of processing aids in open systems |
| PC35 | Washing and cleaning products (including solvent based products) |
| PROC10 | Roller application or brushing |
| PROC11 | Non industrial spraying |
| PROC7 | Industrial spraying |
| PROC8a | Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities |
| PROC8b | Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities |
| SU22 | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| SU3 | Industrial uses: Uses of substances as such or in preparations* at industrial sites |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|------------|------|-----------------|
| Eye Dam. 1 | H318 | Expert judgment |
|------------|------|-----------------|

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product