



SAFETY DATA SHEET

Page : 1

Revised edition no : 5

Date : 1 / 10 / 2012

Supersedes : 15 / 7 / 2011

NERTA TC2000**ENT-001110****Producer**

ENTACO NV
Brandstraat 15
B-9160 Lokeren Belgique-Belgie
Tel. : 00 32 9 340 60 60 E-mail: info@nerta.be
In case of emergency : Belgium: 0032 (0) 70 245 245

Responsible for distribution

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SECTION 1 Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Identification of the product : Liquid.
Trade name : NERTA TC2000
Type of product : Cleaning product.

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

Use

Sector of use category : SU3: Industrial uses: Uses of substances as such or in preparations* at industrial sites
SU22: Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Article Category : Not applicable.

Chemical product category : PC35: Washing and cleaning products (including solvent based products)

Process category : 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
PROC10: Roller application or brushing
PROC11: Non industrial spraying

Environmental release category : ERC8a: Wide dispersive indoor use of processing aids in open systems

1.3. Details of the supplier of the safety data sheet

Company identification : ENTACO NV
Brandstraat 15
B-9160 Lokeren Belgique-Belgie
Tel. : 00 32 9 340 60 60 E-mail: info@nerta.be

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1.4. Emergency telephone number

Emergency phone nr : Belgium: 0032 (0) 70 245 245

SECTION 2 Hazards identification**2.1. Classification of the substance or mixture****Classification EC 67/548 or EC 1999/45**

Classification : Xi; R38-41

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
Serious eye damage - Category 1 - Danger - (CLP : Eye Dam. 1) - H318

2.2. Label elements**Labelling EC 67/548 or EC 1999/45****ENTACO NV**

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SAFETY DATA SHEET

Page : 2

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NERTA TC2000**ENT-001110**

SECTION 2 Hazards identification (continued)

Symbol(s)



: Xi : Irritant

R Phrase(s)

: R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.

S Phrase(s)

: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Hazard pictograms code

: SGH05

Signal words

: Danger

Hazard statements

: H318 - Causes serious eye damage
H315 - Causes skin irritation

Precautionary statements

- Prevention

: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

- Response

: 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 POISON CENTER or doctor/physician
P302+352 - IF ON SKIN: Wash with plenty of soap and water
P332+313 - If skin irritation occurs: Get medical advice/attention

2.3. Other hazards

Other hazards

: None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation : Preparation.

3.1./3.2. Substance / Preparation

NERTA TC2000 : Dangerous product (Directive 1999/45/EC).

Substances presenting a health or environmental hazard within the meaning of Directive 67/548/EEC :

Composition

: Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
< 5% : - Cationic surfactants - Phosphonates - EDTA - Nonionic surfactants - Amphoteric surfactants

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Cocamidopropylbeteaine	: Between 1 and 10 %	97862-59-4	931-296-8	-----	01-2119488533-30	Xi; R41 ----- Eye Dam. 1;H318
Ethylenediaminetetraacetic acid, tetrasodium salt	: Between 1 and 10 %	64-02-8	200-573-9	-----	01-2119486762-27	Xn; R22 Xi; R36 ----- Acute Tox. 4 (Oral);H302 Eye Dam. 1;H318 Acute Tox. 4 (Inhalation);H332
Fatty alcohol ethoxylated	: Between 1 and 10 %	68439-50-9	POLYMER	-----	POLYMER	Xn; R22 Xi; R41 ----- Eye Dam. 1;H318 Acute Tox. 4 (Oral);H302
Sodium hydroxide	: Between 1 and 5 %	1310-73-2	215-185-5	011-002-00-6	01-2119457892-27	C; R35 ----- Not CLP Eye Dam. 1;H318

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SAFETY DATA SHEET

Page : 3

Revised edition no : 5

Date : 1 / 10 / 2012

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NERTA TC2000**ENT-001110**

SECTION 4 First aid measures

4.1. Description of first aid measures

- First aid measures** : Suitable first-aid treatment should be immediately available.
- **Inhalation** : Remove victim to fresh air. Allow the victim to rest. If you feel unwell, seek medical advice.
 - **Skin contact** : Remove contaminated clothing and shoes. Wash skin with mild soap and water. Seek medical attention if ill effect or irritation develops.
 - **Eye contact** : Rinse immediately with plenty of water. Contact ophthalmologist immediately.
 - **Ingestion** : Rinse mouth.
Do not induce vomiting. Obtain medical attention.

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

Symptoms relating to use

- **Inhalation** : Inhalation of vapours may cause respiratory irritation.
- **Skin contact** : Repeated or prolonged skin contact may cause irritation.
- **Eye contact** : Risk of damage to eyes.
- **Ingestion** : Swallowing of this material presents some health hazard.

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

Not applicable.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Extinguishing media : All extinguishing media can be used.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

- Flammable class** : Not combustible.
- Protection against fire** : Wear proper protective equipment.
- Special procedures** : Exercise caution when fighting any chemical fire.
- Surrounding fires** : Use water spray to cool exposed surfaces.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it. Flush/dilute residue with water. Use suitable disposal containers.

6.4. Reference to other sections

See Heading 8.



SAFETY DATA SHEET

Page : 4

Revised edition no : 5

Date : 1 / 10 / 2012

Supersedes : 15 / 7 / 2011

NERTA TC2000**ENT-001110**

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
- Technical protective measures** : Both local exhaust and general room ventilation are usually required.
Both local exhaust and general room ventilation are usually required.
- General** : Avoid all unnecessary exposure.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Do not store in corrodable metal. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

7.3. Specific end use(s)

Not applicable.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

- Occupational Exposure Limits** : Sodium hydroxide : TLV[©] -TWA [mg/m³] : 2

Personal protection



- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Hand protection** : Wear suitable gloves resistant to chemical penetration.(EN 374) Use neoprene or rubber gloves.
- **Skin protection** : If skin contact or contamination of clothing is likely, protective clothing should be worn. (EN 369)
- **Eye protection** : Safety glasses. (EN 166)
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide local exhaust or general room ventilation to minimize vapour concentrations.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.a. Appearance

- Physical state at 20 °C** : Liquid.
- Colour** : Yellow-brown.

9.1.b. Odour

- Odour** : Characteristic.

9.1.c. Odour threshold

No data available.

9.1.d. pH

- pH value** : +/- 13

9.1.e. Melting point / Freezing point

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SAFETY DATA SHEET

Page : 5

Revised edition no : 5

Date : 1 / 10 / 2012

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NERTA TC2000**ENT-001110**

SECTION 9 Physical and chemical properties (continued)

No data available.

9.1.f. Initial boiling point - boiling range

No data available.

9.1.g. Flash point

No data available.

9.1.h. Evaporation rate

No data available.

9.1.i. Flammability

No data available.

9.1.j. Explosion limits (lower - upper)

No data available.

9.1.k. Vapour pressure

No data available.

9.1.l. Vapour density

No data available.

9.1.m. Relative density**Density** : 1.1**9.1.n. Solubility****Solubility in water [vol/vol]** : Complete.**9.1.o. Partition coefficient : n-octanol / water**

No data available.

9.1.p. Auto-ignition temperature

No data available.

9.1.q. Thermal decomposition

No data available.

9.1.r. Viscosity

No data available.

9.1.s. Explosive Properties

No data available.

9.1.t. Oxidising properties

No data available.

9.2. Other information

No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions**ENTACO NV**Brandstraat 15 B-9160 Lokeren Belgique-Belgie
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SAFETY DATA SHEET

Page : 6

Revised edition no : 5

Date : 1 / 10 / 2012

Supersedes : 15 / 7 / 2011

NERTA TC2000**ENT-001110**

SECTION 10 Stability and reactivity (continued)

Hazardous reactions : None under normal conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Materials to avoid : Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal conditions.**Hazardous properties** : None under normal conditions.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information : No data available.
Acute toxicity : No data available.
Skin corrosion/irritation : Causes skin irritation
Serious eye damage/irritation : Causes serious eye damage
Respiratory or skin sensitisation : No data available.
Germ cell mutagenicity : No data available.
Carcinogenicity : No data available.
Reproductive toxicity : No data available.
STOT-single exposure : Not applicable.
STOT-repeated exposure : Not applicable.
Aspiration hazard : Not applicable.

SECTION 12 Ecological information

12.1. Toxicity

No data available.

Ecological effects information : No data available.

12.2. Persistence and degradability

Persistence - degradability : Biodegradable.
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.

Biodegradation [%] : >90% (OECD)**AOX** : 0

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

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SAFETY DATA SHEET

Page : 7

Revised edition no : 5

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NERTA TC2000**ENT-001110**

SECTION 12 Ecological information (continued)

12.6. Other adverse effects

No data available.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

General : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

General information : Not classified.

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

Other : None.**EEC Composition of detergents** : < 5% : - Cationic surfactants - Phosphonates - EDTA - Nonionic surfactants - Amphoteric surfactants

15.2. Chemical safety assessment

No data available.

SECTION 16 Other information

Text of R-Phrases in § 3 : R22 : Harmful if swallowed.
R35 : Causes severe burns.
R36 : Irritating to eyes.
R41 : Risk of serious damage to eyes.**List of relevant H phrases (Section 3)** : H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H332 - Harmful if inhaled**Revision** : 5**Print date** : 10 / 3 / 2014**Further information** : Revision - See : *

The contents and format of this SDS are in accordance with REGULATION (EC) No 453/2010 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

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