

## SAFETY DATA SHEET

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

#### 1.1. Product identifier

**Trade name**

Maskin-rens

**Product no.**

6014

**REACH registration number**

Not applicable

**Other means of identification**

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

**Relevant identified uses of the substance or mixture**

Low foaming degreaser

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

#### 1.3. Details of the supplier of the safety data sheet

**Company and address**

Compact Clean ApS

Møllevvej 3

3630 Jægerspris

Tlf.: +45 47 50 51 10

**Contact person****E-mail**

compactclean@compactclean.dk

**SDS date**

26-05-2015

**SDS Version**

1.0

#### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Skin Irrit. 2, Eye Irrit. 2 // H319, H315

See full text of H/R-phrases in section 2.2.

**DPD/DSD Classification**

Irritant (Xi).

Irritating to eyes and skin (R36/38).

#### 2.2. Label elements

**Hazard pictogram(s)****Signal word**

According to EC-Regulation 1907/2006 (REACH)

Warning!

## Hazard statement(s)

Causes skin irritation. (H315)

Causes serious eye irritation. (H319)

|                     |            |   |
|---------------------|------------|---|
| Safety statement(s) | General    | -   |
|                     | Prevention | Wear protective gloves/eye protection. (P280)   |
|                     | Response   | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>(P305+P351+P338) If eye irritation persists: Get medical advice/attention.<br>(P337+P313) |
|                     | Storage    | -   |
|                     | Disposal   | -   |

## Identity of the substances primarily responsible for the major health hazards

-

### 2.3. Other hazards

#### Additional labelling

-

#### Additional warnings

-

#### VOC

-

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances

|                      |  |
|----------------------|--|
| NAME:                | 2-aminoethanol   |
| IDENTIFICATION NOS.: | CAS-no: 141-43-5 EC-no: 205-483-3 REACH-no: 01-2119486455-28-xxxx Index-no: 603-030-00-8 |
| CONTENT:             | 1-5%   |
| DSD CLASSIFICATION:  | Xn; R20/21/22 C; R34   |
| CLP CLASSIFICATION:  | Acute tox. 4, Skin Corr. 1B<br>H302, H312, H314, H332                                    |
| NOTE:                | S  |

(\*) See full text of H/R-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

S = Organic solvent

### Other informations

Detergent:

0 - 5%: AMPHOTERIC SURFACTANTS, NON-IONIC SURFACTANTS, PHOSPHONATES

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

#### Inhalation

Get the injured person into fresh air. Make sure there is always someone with the injured person. Prevent shock by keeping the injured person warm and calm. If the person stops breathing, give mouth-to-mouth resuscitation. If unconscious, roll the injured person onto side with the top leg bent at both knee and hip. Call an ambulance.

#### Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact

According to EC-Regulation 1907/2006 (REACH)

Remove contact lenses. Flush eyes with water (20-30°C) for at least 15 minutes. Call a doctor.

#### **Ingestion**

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

#### **Burns**

Rinse with water until the pain stops and continue for 30 minutes.

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

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

If eye irritation persists: Get medical advice/attention.

#### **Information to medics**

Bring this safety data sheet.

## **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

#### **5.2. Special hazards arising from the substance or mixture**

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Some metal oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements.

#### **6.2. Environmental precautions**

No specific requirements.

#### **6.3. Methods and material for containment and cleaning up**

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

#### **6.4. Reference to other sections**

See section on "Disposal" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

According to EC-Regulation 1907/2006 (REACH)

## Storage temperature

No data available.

## 7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

2-aminoethanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 1 ppm | 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 3 ppm | 7.6 mg/m<sup>3</sup>

Comments: Sk (Sk = Can be absorbed through skin.)

#### DNEL / PNEC

No data available.

### 8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

#### General recommendations

Observe general occupational hygiene.

#### Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

#### Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

#### Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

#### Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

No specific requirements.

#### Individual protection measures, such as personal protective equipment



#### Generally

Only CE-marked personal protection equipment should be used. Use only CE marked protective equipment.

#### Respiratory Equipment

Recommended: Combination Filter A1B1E1K1, Class 1 (low capacity), Brown/Gray/Yellow/Green

#### Skin protection

Special work clothing should be used.

#### Hand protection

Recommended: Neoprene. . See the manufacturer's instructions

#### Eye protection

Use face shield. Use safety glasses with a side shield as an alternative.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| Form   | Colour | Odour          | pH   | Viscosity | Density (g/cm <sup>3</sup> ) |
|--------|--------|----------------|------|-----------|------------------------------|
| Liquid | Clear  | Characteristic | 11,3 | -         | 1,074                        |

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According to EC-Regulation 1907/2006 (REACH)

## Phase changes

Melting point (°C)

-

Boiling point (°C)

-

Vapour pressure (mm Hg)

-

## Data on fire and explosion hazards

Flashpoint (°C)

-

Ignition (°C)

-

Self ignition (°C)

-

Explosion limits (Vol %)

-

Oxidizing properties

-

## Solubility

Solubility in water

Soluble

n-octanol/water coefficient

-

## 9.2. Other information

Solubility in fat

-

Additional information

N/A

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Shelf life: 24 months.

Shelf life after opening: 12 months.

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance

2-aminoethanol

2-aminoethanol

Species

Rat

Rabbit

Test

LD50

LD50

Route of exposure

Oral

Dermal

Result

1720 mg/kg

1025 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### 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

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

No data available.

#### Long term effects

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears,

According to EC-Regulation 1907/2006 (REACH)

tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens. Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

## SECTION 12: Ecological information

### 12.1. Toxicity

| Substance      | Species | Test | Test duration | Result   |
|----------------|---------|------|---------------|----------|
| 2-aminoethanol | Fish    | LC50 | 96 h          | 329 mg/l |
| 2-aminoethanol | Daphnia | EC50 | 48 h          | 65 mg/l  |
| 2-aminoethanol | Algae   | EC50 | 72 h          | 15 mg/l  |

### 12.2. Persistence and degradability

| Substance      | Biodegradability | Test                         | Result |
|----------------|------------------|------------------------------|--------|
| 2-aminoethanol | Yes              | Modified OECD Screening Test | 99 %   |

### 12.3. Bioaccumulative potential

| Substance      | Potential bioaccumulation | LogPow            | BFC               |
|----------------|---------------------------|-------------------|-------------------|
| 2-aminoethanol | No                        | No data available | No data available |

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No special

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste: Used cleaning fluid is disposed of according to applicable and local approval example: Discharge to sewer with an oil separator: Absorbed / collected material and larger quantities is to be delivered to local waste-treatment plant. Minor spillage can be flushed to sewer.

#### Waste

EWC code  
070699

#### Specific labelling

-

#### Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

### 14.1 – 14.4

| ADR/RID   | 14.1. UN number | 14.2. UN proper shipping name | 14.3. Transport hazard class(es) | 14.4. Packing group | Notes                          |
|-----------|-----------------|-------------------------------|----------------------------------|---------------------|--------------------------------|
| IMDG      | UN-no.          | Proper Shipping Name          | Class                            | PG*                 | EmS MP** Hazardous constituent |
| IATA/ICAO | UN-no.          | Proper Shipping Name          | Class                            | PG*                 |                                |

### 14.5. Environmental hazards

According to EC-Regulation 1907/2006 (REACH)

-  
**14.6. Special precautions for user**

-  
**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

#### Demands for specific education

-  
**Additional information**

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.

#### Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H/R-phrases as mentioned in section 3

R34 - Causes burns.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H314 - Causes severe skin burns and eye damage.

H332 - Harmful if inhaled.

### The full text of identified uses as mentioned in section 1

### Other symbols mentioned in section 2

-  
**Other**

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

### The safety data sheet is validated by

Lars Bøgeholm

### Date of last essential change (First cipher in SDS version)

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# Compact Clean ApS

According to EC-Regulation 1907/2006 (REACH)

**Date of last minor change  
(Last cipher in SDS version)**

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