

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Micro III TIX

**Product no.**

-

**REACH registration number**

Not applicable

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

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

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**

Blue & Green AB

Stenorsvägen 52

261 44 Landskrona

Sweden

Tfn: +46 418 399000

Fax: +46 418 13199

www.blueandgreen.se

**E-mail**

info@blueandgreen.se

**SDS date**

2020-10-21

**SDS Version**

1.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304

Eye Dam. 1; H318

STOT RE 1; H372

Aquatic Chronic 3; H412

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**



**Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)

Causes serious eye damage. (H318)

According to EC-Regulation 2015/830

Causes damage to organs through prolonged or repeated exposure. (H372)  
Harmful to aquatic life with long lasting effects. (H412)

### Precautionary statements

**General** If medical advice is needed, have product container or label at hand. (P101).  
Keep out of reach of children. (P102).  
**Prevention** Do not breathe mist/vapours/fume/spray. (P260).  
**Response** Get medical advice/attention if you feel unwell. (P314).  
**Storage** Store locked up. (P405).  
**Disposal** Dispose of contents/container to an approved waste disposal plant. (P501).

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

naphtha (råolie), hydroafsvovlet tung; 1-Heptanol, 2-propyl-, 8EO; Amides,coco,N,N-bis,hydroxyethyl

### Additional labelling

Not applicable

### Unique formula identifier (UFI)

DTEC-EN8N-1006-XVMF

### 2.3. Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

### Additional warnings

Tactile warning. If this product is sold in retail, it must be delivered with child-resistant fastening.

### VOC (volatile organic compound)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances/Mixtures

NAME: naphtha (råolie), hydroafsvovlet tung  
IDENTIFICATION NOS.: CAS-no: 64742-82-1 EC-no: 265-185-4 REACH-no: 01-2119473977-17  
CONTENT: 10 - <15%  
CLP CLASSIFICATION: Asp.Tox 1; STOT RE1; Aquatic Chronic 3; H304,H372,H412,EUH066

NAME: 1-Heptanol, 2-propyl-, 8EO  
IDENTIFICATION NOS.: CAS-no: 160875-66-1  
CONTENT: 5 - <10%  
CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1  
H302, H318

NAME: Amides,coco,N,N-bis,hydroxyethyl  
IDENTIFICATION NOS.: CAS-no: 68603-42-9 EC-no: 271-657-0 REACH-no: 01-2119490100-53  
CONTENT: 5 - <10%  
CLP CLASSIFICATION: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2  
H315, H318, H411

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

### Other information

ATEmix(oral) > 2000  
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 4.6824 - 7.0236  
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.6056 - 0.9084  
N chronic (CAT 3) Sum = Sum(Ci/(M(chronic)<sup>i</sup>\*25)\*0.1\*10<sup>^</sup>CATi) = 2.79328 - 4.18992

Detergent:  
15 - 30%: NON-IONIC SURFACTANTS  
5 - 15%: AROMATIC HYDROCARBONS  
< 5%: AMPHOTERIC SURFACTANTS

## 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.  
The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service).  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an

According to EC-Regulation 2015/830

unconscious person water or other drink.

**Inhalation**

Bring the person into fresh air and stay with him/her.

**Skin contact**

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water.

**Eye contact**

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

**Ingestion**

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

**Burns**

Not applicable

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs.

Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

Call a POISON CENTER/doctor if you feel unwell.

**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.

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

Nothing special

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

**SECTION 6: Accidental release measures**

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

Avoid direct contact with spilled substances. Avoid inhalation of vapours from spilled material.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

**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.

**6.4. Reference to other sections**

See section on "Disposal considerations" in regard of 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, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

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

**Storage temperature**

According to EC-Regulation 2015/830

Room temperature 18 to 23°C

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

#### DNEL / PNEC

DNEL (naphtha (råolie), hydroafsvovlet tung): 330mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (naphtha (råolie), hydroafsvovlet tung): 44mg/kg/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (naphtha (råolie), hydroafsvovlet tung): 71mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (naphtha (råolie), hydroafsvovlet tung): 26mg/kg/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (naphtha (råolie), hydroafsvovlet tung): 26mg/kg/day

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

### 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

#### General recommendations

Observe general occupational hygiene standards.

#### Exposure scenarios

There is no appendix to this safety data sheet.

#### Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

#### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

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



#### Generally

Use only CE marked protective equipment.

#### Respiratory Equipment

NA

#### Skin protection

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

#### Hand protection

Nitrile rubber

Breakthrough time: > 480 minutes (Class 6)

#### Eye protection

Wear safety glasses with side shields.

According to EC-Regulation 2015/830

## SECTION 9: Physical and chemical properties

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

Form	Liquid
Colour	Pale yellow
Odour	Petroleum
Odour threshold (ppm)	No data available.
pH	11
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	0.98

#### Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

#### Data on fire and explosion hazards

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

#### Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

### 9.2. Other information

Solubility in fat (g/L)	No data available.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

### 10.3. Possibility of hazardous reactions

Nothing special

### 10.4. Conditions to avoid

Nothing special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing 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: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Rat  
 Test: LD50  
 Route of exposure: Oral  
 Result: >5000 mg/kg

Substance: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Rabbit  
 Test: LD50  
 Route of exposure: Dermal  
 Result: >2000 mg/kg

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Rat  
 Test: LD50  
 Route of exposure: Oral  
 Result: >300-2000 mg/kg

According to EC-Regulation 2015/830

Substance: naphtha (råolie), hydroafsvovlet tung  
 Species: Rat  
 Test: LD50  
 Route of exposure: Oral  
 Result: >15000mg/kg

Substance: naphtha (råolie), hydroafsvovlet tung  
 Species: Rat  
 Test: LC50  
 Route of exposure: Inhalation  
 Result: >13,1mg/l 4h

Substance: naphtha (råolie), hydroafsvovlet tung  
 Species: Rat  
 Test: LD50  
 Route of exposure: Dermal  
 Result: >3400mg/kg/bw

**Skin corrosion/irritation**

No data available.

**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**

Data on substance: Amides,coco,N,N-bis,hydroxyethyl

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Long term effects**

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Fish  
 Test: LC50  
 Duration: 96h  
 Result: 2.4 mg/l

Substance: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Daphnia  
 Test: EC50  
 Duration: 48h  
 Result: 3.2 mg/l

Substance: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Algae  
 Test: ErC50  
 Duration: 72h  
 Result: 3.9 mg/l

Substance: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Fish  
 Test: NOEC  
 Duration: 28d  
 Result: 0.32 mg/l

Substance: Amides,coco,N,N-bis,hydroxyethyl  
 Species: Daphnia  
 Test: NOEC  
 Duration: 21d  
 Result: 0.07 mg/l

Substance: 1-Heptanol, 2-propyl-, 8EO

According to EC-Regulation 2015/830

Species: Fish  
 Test: LC50  
 Duration: 96h  
 Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Daphnia  
 Test: EC50  
 Duration: 48h  
 Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Algae  
 Test: EC50  
 Duration: 72h  
 Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Fish  
 Test: NOEC  
 Duration:  
 Result: >1 mg/l

Substance: naphtha (råolie), hydroafsvovlet tung  
 Species: Fish  
 Test: LC50  
 Duration: 96h  
 Result: 10-100mg/l

Substance: naphtha (råolie), hydroafsvovlet tung  
 Species: Algae  
 Test: EC50  
 Duration: 72h  
 Result: 10-100mg/l

Substance: naphtha (råolie), hydroafsvovlet tung  
 Species: Daphnia  
 Test: EC50  
 Duration: 48h  
 Result: 100-200mg/l

## 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Amides,coco,N,N-bis,hydroxyeth...	Yes	CO2 Evolution Test	92,5%
1-Heptanol, 2-propyl- , 8EO	Yes	Closed Bottle Test	>60%
naphtha (råolie), hydroafsvovl...	Yes	Manometric Respirometry Test	74,7

## 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Amides,coco,N,N-bis,hydroxyeth...	No	No data available	65.36
1-Heptanol, 2-propyl- , 8EO	No	No data available	No data available
naphtha (råolie), hydroafsvovl...	Yes	No data available	No data available

## 12.4. Mobility in soil

Amides,coco,N,N-bis,hydroxyeth...: Log Koc= 243

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.  
 This product contains substances, which may cause adverse long-term effects to the aquatic environment.  
 This product contains substances with the potential of bioaccumulation resulting in the risk of accumulation in the food chain.  
 Bioaccumulative substances are concentrated in adipose tissue and are not easily secreted.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

#### Waste

EWC code

-

#### Specific labelling

According to EC-Regulation 2015/830

Not applicable

**Contaminated packing**

Contaminated packaging must be disposed of similarly to the product.

**SECTION 14: Transport information**

**14.1 – 14.4**

Not dangerous goods according to ADR, IATA and IMDG.

**ADR/RID**

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- Notes -
- Tunnel restriction code -

**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**

-

**14.6. Special precautions for user**

-

**14.7. Transport in bulk according to Annex II of Marpol 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 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

**Demands for specific education**

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**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.

**Seveso**

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**Biocidal reg. no.**

Not applicable

**Sources**

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.



According to EC-Regulation 2015/830

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 (CLP).

Regulation (EC) 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

**Full text of H-phrases as mentioned in section 3**

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H372 - Causes damage to organs through prolonged or repeated exposure.

H411 - Toxic to aquatic life with long lasting effects.

H412 - Harmful to aquatic life with long lasting effects.

EUH066 - Repeated exposure may cause skin dryness or cracking.

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

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**Additional label elements**

Not applicable

**Other**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

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, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

David Löwenstein

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

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

-