

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Degreaser DK

**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**

2020-11-13

**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  
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)  
Harmful to aquatic life with long lasting effects. (H412)

**Precautionary statements**

According to EC-Regulation 2015/830

<b>General</b>	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
<b>Prevention</b>	Avoid release to the environment. (P273).
<b>Response</b>	IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).
<b>Storage</b>	Store locked up. (P405).
<b>Disposal</b>	Dispose of contents/container to an approved waste disposal plant. (P501).

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

Distillates (petroleum), hydrotreated light; Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Additional labelling**

Repeated exposure may cause skin dryness or cracking. (EUH066)

**Unique formula identifier (UFI)**

YEYC-WMSV-V00G-JQMS

**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: Distillates (petroleum), hydrotreated light  
 IDENTIFICATION NOS.: CAS-no: 64742-47-8 EC-no: 265-149-8 REACH-no: 01-2119485032-45 Index-no: 649-422-00-2  
 CONTENT: 40-60%  
 CLP CLASSIFICATION: Asp. Tox. 1, H304

NAME: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics  
 IDENTIFICATION NOS.: CAS-no: - EC-no: 926-141-6 REACH-no: 01-2119456620-43  
 CONTENT: 40-60%  
 CLP CLASSIFICATION: Asp. Tox. 1  
 H304, EUH066

NAME: Fatty acids, tall-oil  
 IDENTIFICATION NOS.: CAS-no: 61790-12-3 EC-no: 263-107-3  
 CONTENT: 1 - <2.5%  
 CLP CLASSIFICATION: NA

NAME: Oleylamine ethoxylate  
 IDENTIFICATION NOS.: CAS-no: 26635-93-8 EC-no: 500-048-7 REACH-no: 01-2120785735-39  
 CONTENT: 0.25 - <1%  
 CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1  
 H302, H318, H400, H410 (M-acute = 1) (M-chronic = 1)

(\*) 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  
 $N_{\text{chronic}} (\text{CAT } 3) \text{ Sum} = \text{Sum}(C_i / (M(\text{chronic})^i * 25) * 0.1 * 10^{\wedge} \text{CAT}_i) = 1.92 - 2.88$   
 $N_{\text{acute}} (\text{CAT } 1) \text{ Sum} = \text{Sum}(C_i / M(\text{acute})^i * 25) = 0.0192 - 0.0288$

Detergent:  
 > 30%: ALIPHATIC HYDROCARBONS  
 < 5%: NON-IONIC 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 unconscious person water or other drink.

According to EC-Regulation 2015/830

#### **Inhalation**

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

#### **Skin contact**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water.

#### **Eye contact**

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under the upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### **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.

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

IF exposed or concerned: Get immediate 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.

#### **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.

#### **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**

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

According to EC-Regulation 2015/830

## 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

No data available

### 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

No specific requirements.

#### 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

Butyl rubber

Breakthrough time: > 480 minutes (Class 6)

#### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

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

Form	Liquid
Colour	Colourless
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	0.8

#### 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)	90
Ignition (°C)	No data available.

According to EC-Regulation 2015/830

Auto flammability (°C)	No data available.
Explosion limits (% v/v)	1 - 6
Explosive properties	No data available.
<b>Solubility</b>	
Solubility in water	Insoluble
n-octanol/water coefficient	No data available.
<b>9.2. Other information</b>	
Solubility in fat (g/L)	No data available.

## 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: Oleylamine ethoxylate

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 300-2000 mg/kg

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >5000 mg/kg

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000 mg/kg

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >20 mg/l 4h

Substance: Distillates (petroleum), hydrotreated light

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >2000mg/kg

Substance: Distillates (petroleum), hydrotreated light

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: >2000mg/kg

Substance: Distillates (petroleum), hydrotreated light

Species: Rat

Test: LD50

Route of exposure: Oral

According to EC-Regulation 2015/830

Result: >5000mg/kg

Substance: Distillates (petroleum), hydrotreated light

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: >4950mg/m<sup>3</sup> 4h

**Skin corrosion/irritation**

No data available.

**Serious eye damage/irritation**

No data available.

**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**

May be fatal if swallowed and enters airways.

**Long term effects**

Nothing special

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance: Oleylamine ethoxylate

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 0.1-1 mg/l

Substance: Oleylamine ethoxylate

Species: Fish

Test: LC50

Duration: 96 h

Result: 1-10 mg/l

Substance: Oleylamine ethoxylate

Species: Algae

Test: NOEC

Duration: 72 h

Result: 0.01 mg/l

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Daphnia

Test: NOEC

Duration: 48h

Result: 1000 mg/l

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Fish

Test: NOEC

Duration: 96h

Result: 1000 mg/l

Substance: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Species: Algae

Test: NOEC

Duration: 72h

Result: 1000 mg/l

Substance: Distillates (petroleum), hydrotreated light

Species: Daphnia

Test: EC50

Duration: 48h

Result: >1000mg/l

Substance: Distillates (petroleum), hydrotreated light

According to EC-Regulation 2015/830

Species: Fish  
 Test: LC50  
 Duration: 24h  
 Result: >1000mg/l

Substance: Distillates (petroleum), hydrotreated light  
 Species: Algae  
 Test: EC50  
 Duration: 72h  
 Result: >1000mg/l

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Oleylamine ethoxylate	Yes	CO2 Evolution Test	>60%
Hydrocarbons, C11-C14, n-alkan...	Yes	Closed Bottle Test	69%

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

### 12.4. Mobility in soil

Hydrocarbons, C11-C14, n-alkan...: Log Koc= 5.70089, Calculated from LogPow (Low mobility potential.).

### 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.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

#### Waste

EWC code  
 140603

#### Specific labelling

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

-

According to EC-Regulation 2015/830

**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.

**Demands for specific education**

-

**Additional information**

Not applicable

**Seveso**

-

**Biocidal reg. no.**

Not applicable

**Sources**

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.

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.

H318 - Causes serious eye damage.

H400 - Very toxic to aquatic life.

H410 - Very toxic 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**

-

**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)**





According to EC-Regulation 2015/830

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