

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Graffiti Remover Tectyl

**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**

Graffiti Removal

**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**

2020-11-10

**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 Irrit. 2; H319  
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 irritation. (H319)  
Harmful to aquatic life with long lasting effects. (H412)

According to EC-Regulation 2015/830

### Precautionary statements

General	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
Prevention	Wear eye protection/gloves. (P280).
Response	IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).
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

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

### Additional labelling

Not applicable

### Unique formula identifier (UFI)

4HMC-PYG2-4004-M7Y8

### 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: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
 IDENTIFICATION NOS.: EC-no: 918-481-9 REACH-no: 01-2119457273-39  
 CONTENT: 80-95%  
 CLP CLASSIFICATION: Asp.Tox.1;H304  
 NOTE: O

NAME: 2-ethylhexyl laurate  
 IDENTIFICATION NOS.: CAS-no: 20292-08-4 EC-no: 243-697-9 REACH-no: 01-2119970548-24  
 CONTENT: 2.5 - <5%  
 CLP CLASSIFICATION: NA

NAME: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched  
 IDENTIFICATION NOS.: CAS-no: 69011-36-5 EC-no: 931-138-8 REACH-no: -  
 CONTENT: 1 - <2.5%  
 CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1  
 H302, H318

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)

(\*) O = Organic solvent 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. 2 Sum =  $\sum(Ci/S(G)CLi) = 1.568 - 2.352$   
 N chronic (CAT 3) Sum =  $\sum(Ci/(M(chronic))^25) * 0.1 * 10^{CATi} = 1.28 - 1.92$   
 N acute (CAT 1) Sum =  $\sum(Ci/M(acute))^25 = 0.0128 - 0.0192$

Detergent:  
 > 30%: ALIPHATIC HYDROCARBONS  
 < 5%: NON-IONIC SURFACTANTS

## SECTION 4: First aid measures

According to EC-Regulation 2015/830

#### 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.

##### 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.

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

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

According to EC-Regulation 2015/830

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

**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**

If ventilation at the work place is insufficient, use a half- or full mask with an appropriate filter or an air-supplied breathing apparatus depending on the specific work situation and how long you will be using the product.

**Skin protection**

Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

**Hand protection**

4H/Barrier

Breakthrough time: See the manufacturer's instructions.

**Eye protection**

Wear safety glasses with side shields.

**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.

According to EC-Regulation 2015/830

pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	0.85
<b>Phase changes</b>	
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.
<b>Data on fire and explosion hazards</b>	
Flash point (°C)	70
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
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: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: >2000 mg/kg

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 300-2000 mg/kg

Substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: >5000 mg/kg

Substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

According to EC-Regulation 2015/830

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000mg/kg

Substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: 4951 mg/m<sup>3</sup>, 4h

**Skin corrosion/irritation**

No data available.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

No data available.

**Germ cell mutagenicity**

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

**Carcinogenicity**

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

**Reproductive toxicity**

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

**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**

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: 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: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Species: Daphnia

Test: EC10

Duration: 21d

Result: 2.6 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Species: Daphnia

Test: EC50

Duration: 48h

Result: >1-10 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Species: Fish

Test: LC50

Duration: 96h

Result: 10-100 mg/l

According to EC-Regulation 2015/830

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched  
 Species: Algae  
 Test: EC50  
 Duration: 72h  
 Result: >1-10 mg/l

Substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
 Species: Daphnia  
 Test: EC50  
 Duration: 48h  
 Result: >1000mg/l

Substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
 Species: Fish  
 Test: LC50  
 Duration: 96h  
 Result: >1000mg/l

Substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
 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%
Poly(oxy-1,2-ethanediyl), alph...	Yes	CO2 Evolution Test	>60%
Hydrocarbons, C10-C13, n-alkan...	Yes	CO2 Evolution Test	80

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Poly(oxy-1,2-ethanediyl), alph...	No	No data available	No data available

### 12.4. Mobility in soil

No data available

### 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

-

#### 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*	-



According to EC-Regulation 2015/830

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.

**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.

**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)



According to EC-Regulation 2015/830

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)**

-

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

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