



SAFETY DATA SHEET of: **DECAP GRAISSE**

Revision (Updating) date: Wednesday April 20th, 2016

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1 SECTION 1: Identification of the substance / mixture and Company identification:

1.1 Product identifier:

DECAP GRAISSE

1.2 Relevant identified uses of the substance or mixture and uses advised against: / Concentration of use: 2% à 10%

1.3 Details of the supplier of the safety data sheet:

GREEN LINE France S.A.S

Zone Industrielle CD 24

08350 DONCHERY-FRANCE

Tél: +33(0) 3 24 56 94 25 — Fax: ++33(0) 9 70 29 58 63

E-mail: info@greenlinefrance.fr — Site web: <http://www.greenlinefrance.fr/>

1.4 Emergency call number:

00.33 (0) 1 45 42 59 59

2 SECTION 2: identification of risks:

2.1 Classification of the substance or mixture:

Classification of the substance or mixture according to Regulation (EU) 1272/2008:
H314 Skin Corr. 1A

2.2 Label elements:

Pictograms:



Signal word: Danger

Hazard statements:

H314 Skin Corr. 1A: Causes severe skin burns and eye damage.

Precautionary statements:

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

P301+P330+P331: IF SWALLOWED: rinse mouth. DO NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water / Shower.

P304+P340: IN CASE OF INHALATION: transport the victim outside and keep them at rest in a position where they can comfortably breathe

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if victim is wearing them and if they can be easily removed. Continue rinsing.

P363: Wash contaminated clothing before re-use.

Contains:

None

2.3 Other hazards:

None

3 SECTION 3 : Composition / information about components:

2-butoxyéthanol	5% - 15%	CASE Nr: EINECS: REACH Registration Nr: CLP Classification:	111-76-2 203-905-0 01-2119475108-36 H302 Acute tox. 4 H312 Acute tox. 4 H315 Skin Irrit. 2 H319 Eye Irrit. 2 H332 Acute tox. 4
C10-14 fatty alcohol, ethoxylated	< 5%	CASE Nr : EINECS: REACH Registration Nr: CLP Classification:	68439-46-3 H302 Acute tox. 4 H315 Skin Irrit. 2 H318 Eye Dam. 1
tetrasodium ethylenediaminetetraacetate	< 5%	CASE Nr: EINECS: REACH Registration Nr: CLP Classification:	64-02-8 200-573-9 01-2119486762-27 H302 Acute tox. 4 H318 Eye Dam. 1 H332 Acute tox. 4
Sodium hydroxide	< 5%	CASE Nr : EINECS: REACH Registration Nr: CLP Classification:	1310-73-2 215-185-5 01-2119457892-27 H290 Met. Corr. 1 H314 Skin Corr. 1A

The full text of the H&R phrases mentioned in this section is contained in chapter 16.

4 SECTION 4: First Aid :

4.1 Description of first aid:

Always get information as soon as possible from a doctor in case of severe or persistent disorders.

Contact with the skin:	remove contaminated clothing, rinse skin with plenty of water and transport immediately to the hospital.
Contact with the eyes:	first rinse thoroughly with plenty of water (remove contact lenses as far as possible smoothly), and transport to a doctor.
Ingestion:	leave to rinse mouth, DO NOT induce vomiting and immediately transport to hospital.
Inhalation:	stand upright, fresh air, rest, and immediately transport to hospital.

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

Contact with the skin:	biting, redness, pain, burning
Contact with the eyes:	biting, redness, poor vision, pain
Ingestion:	biting, difficult breathing, vomiting, blisters on the lips and tongue, burning pain in the mouth and throat, in the esophagus and stomach
Inhalation:	migraine, dizziness, discomfort, spoiling, unconsciousness

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

None

5 SECTION 5: Fire-fighting measures :

5.1 5.1 Extinguishing media:

Water spray, powder, foam, CO2

5.2 5.2 Special hazards arising from the substance or mixture:

none

5.3 Advice for firefighters:

Fire extinguishers to avoid: none

6 SECTION 6: Accidental release measures :

6.1 6.1 Personal precautions, protective equipment and emergency procedures:

Do not walk in or touch anything spilled on the ground and avoid inhaling fumes, fumes, dust and vapors while staying upwind. Take off contaminated clothing and protective equipment after use and dispose of it safely.

6.2 6.2 Environmental precautions:

Do not dump into sewers or public waters.

6.3 6.3 Methods and material for containment and cleaning up:

Soak with inert absorbent material.

6.4 Reference to other sections:

For more information see sections 8 and 13

7 SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

Treat with care to avoid leaks.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a tightly closed container in a closed and well-ventilated place, protected from frost.

7.3 Specific end use (s): None





8 SECTION 8: Exposure controls / personal protection:

8.1 Control parameters:

Below, you will find a list of the dangerous constituents included in section 3 whose TLV values are known

2- butoxyethanol 98 mg / m³, Sodium hydroxide 2 mg / m³

8.2 Exposure controls:

Lungs and tracts protection	To be used with sufficient exhaust ventilation. In places where there are respiratory risks, use a purifying mask if necessary. As protection against these harmful levels, use the ABEK type.	
Skin protection	Handle with nitrile gloves (EN 374). passage time > 480 'Thickness 0.35 mm. Check the gloves well before use. Remove gloves properly, without touching the outside with your bare hand. Suitability for a specific workplace must be discussed with the manufacturer of the protective gloves.	
Eyes protection	Keep an eye wash bottle of pure water handy. Well fitting dust protection goggles. In the event of exceptional treatment problems, wear a mask and a protective suit.	
Other protections:	Waterproof clothing. The type of protective equipment depends on the concentration and amount of hazardous substances in the workplace.	

9 SECTION 9: Physical and chemical properties:

9.1 Information on basic physical and chemical properties:

9.2 Melting point / melting path:	0 °C
Boiling point / boiling path:	100 °C
pH:	12,5
pH 1% diluted in water:	/
Vapor pressure / 20°C:	2 332 Pa
Vapor density:	not applicable
Relative density / 20°C:	1,032 kg/l
Aspect / 20°C:	liquid

Flash point:	/
Flammability (solid, gas):	not applicable
Auto-ignition temperature:	230 °C
Upper flammability limit or explosive limits (Vol %):	10,600 %
Lower flammability limit or explosion limits (Vol%):	1,130 %
Explosive properties:	not applicable
Oxidizing properties:	not applicable
Decomposition temperature:	/
Solubility in water:	completely soluble
Partition coefficient: n-octanol / water:	not applicable
Odor:	specific
Odor threshold:	not applicable
Dynamic viscosity, 20°C:	1 mPa.s
Kinematic viscosity, 20°C:	1 mm ² /s
Evaporation rate (n-BuAc = 1):	0,300

9.3 Other informations:

Volatile organic compound (COV):	14,93 %
Volatile organic compound (COV):	154,078 g/l

10 SECTION 10: Stability and reactivity:

10.1 Reactivity:

stable under normal conditions.

10.2 10.2 Chemical stability:

Avoid extremely high or extremely low temperatures

10.3 10.3 Possibility of hazardous reactions:

None

10.4 10.4 Conditions to avoid:

Protect from sunlight and do not expose to temperatures exceeding 50 °C.

10.5 10.5 Incompatible materials:

None

10.6 10.6 Hazardous decomposition products:

Does not decompose during normal use

11 SECTION 11: Toxicological information:

11.1 Information on toxicological effects:

H314 Skin Corr. 1A: Causes severe skin burns and eye damage.

Calculated acute toxicity, oral ATE: /

Calculated acute toxicity, dermal ATE: /

2-butoxyethanol	LD50 oral rat: 1,200 mg/kg LD50 dermal rabbit: 1,100 mg/kg CL50 rat inhalation, 4h: 11 mg/l
C10-14 fatty alcohol, ethoxylated	LD50 oral rat: 500 mg/kg LD50 dermal rabbit: ≥ 5,000 mg/kg CL50 rat inhalation, 4h: ≥ 50 mg/l
tetrasodium ethylenediaminetetraacetate	LD50 oral rat: 500 mg/kg LD50 dermal rabbit: ≥ 5,000 mg/kg CL50 rat inhalation, 4h: 10 mg/l
Sodium hydroxide	LD50 oral rat: ≥ 5,000 mg/kg LD50 dermal rabbit: ≥ 5,000 mg/kg CL50 rat inhalation, 4h: ≥ 50 mg/l

12 SECTION 12: Ecological information:

12.1 Toxicity:

2-butoxyethanol	LC50 (Fish): 1474 mg/L (Oncorhynchus mykiss)(96h) EC50 (Daphnia): 1550 mg/L (48h) NOEC (Daphnia): >100 mg/L (72h) EC50 (Algae): 911 mg/L (72h) NOEC (Algae): >280 mg/L (72h)
tetrasodium ethylenediaminetetraacetate	LC50 (Fish): 121 mg/L (96h) EC50 (Daphnia): 625 mg/L (24h)
Sodium hydroxide	LC50 (Fish): 35 - 189 mg/L (96h) EC50 (Daphnia): 33 - 450 mg/L (48h)

12.2 Persistence and degradability:

The surfactants contained in this preparation comply with the biodegradability criteria defined in Regulation (EC) No 648/2004 on detergents.

12.3 Bio accumulative potential:

No additional information available

12.4 Mobility in soil:

Water hazard class, WGK: 2
Solubility in water: completely soluble

12.5 Results of assessments PBT & VPVB:

No additional information available

12.6 Other adverse effects:

No additional information available

13 SECTION 13: Disposal considerations:

13.1 Waste treatment methods:

It is prohibited to pour this product into sewers. The elimination must be ensured by the competent authorities. Any limiting measures taken by local authorities should always be observed.

14 SECTION 14: Transport information:

14.1 UNO Number:

not applicable

14.2 UN proper shipping name:

ADR, IMDG, ICAO/IATA not regulated

14.3 Transport hazard class (es)

Class(s): not applicable

Hazard identification number: not applicable

14.4 Packing group :

not applicable

14.5 Environmental hazards:

not dangerous for the environment

14.6 Special precautions for the user :

Hazard characteristics: not applicable

Additional information: not applicable

15 SECTION 15: Regulatory information:

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

Water hazard class, WGK: 2

Volatile organic compound (COV): 14,930 %

Volatile organic compound (COV): 154,078 g/l

Labeling by Regulation (CE) 648/2004: Nonionic surfactants < 5%, EDTA and salts < 5%

15.2 15.2 Chemical safety assessment:

no data available

16 SECTION 16: Other information:

The meaning of the abbreviations used in the safety data sheet:

ADR:	European Agreement concerning the International Transport of Dangerous Goods by Road
BCF:	Bioconcentration factor
CAS:	Chemical Abstracts Service
CLP:	Classification, Labeling and Packaging of chemicals
EINECS:	European Inventory of Existing Commercial chemical Substances
Nr.:	Number
PTB:	persistent, toxic and bio accumulative
TLV:	Threshold Limit Value
VPVB:	very persistent and very bio accumulative substances
WGK:	Water pollution class
WGK 1:	not very dangerous for water
WGK 2:	dangerous for water
WGK 3:	extremely dangerous for water

The meaning of the R & H phrases used in the safety data sheet:

H290 Met. Corr. 1: May be corrosive to metals. **H302 Acute tox. 4:** Harmful if swallowed.
H312 Acute tox. 4: Harmful in contact with skin. **H314 Skin Corr. 1A:** Causes severe skin burns and eye damage.
H314 Skin Corr. 1A: Causes severe skin burns and eye damage. **H315 Skin Irrit. 2:** Causes skin irritation.
H318 Eye Dam. 1: Causes serious eye damage. **H319 Eye Irrit. 2:** Causes serious eye irritation.
H332 Acute tox. 4: Harmful by inhalation.

Reason for revision, changes in the following sections:

Sections: 2.1, 2.2, 3, 16

MSDS Reference number:

ECM-6838,10

This safety data sheet concerning safety has been drawn up in accordance with Annex II / A to Regulation (EU) No 2015/830. The classification was calculated in accordance with regulation 1272/2008 with their respective amendments. It has been drafted very carefully. However, we decline all responsibility for any damage of any kind whatsoever, caused by the use of these. The user must carry out an appropriation and safety study himself with a view to using this preparation in as part of an experiment or a new application.