

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

1.1. Product identifier

Product form : Mixture
Product name : DEGRAISSANT FRITEUSE
Product code : POU0884
Type of product : Detergent

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

REALCO S.A.
Avenue Albert Einstein, 15
B-1348 Louvain-la-Neuve - Belgium
T +32 (0)10 45 30 00 - F +32 (0)10 45 63 63
info@realco.be - www.realco.be

1.4. Emergency telephone number

Emergency number : Int+32-70-245.245

Country	Organisation/Company	Address	Emergency number
BELGIUM	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation
Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling
P280 - Wear protective gloves, eye protection
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 - If eye irritation persists: Get medical advice/attention
EUH phrases : EUH208 - Contains Lipase. May produce an allergic reaction

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

DEGRAISSANT FRITEUSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
sodium carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2 (REACH-no) 01-2119485498-19	15 - 30	Xi; R36
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium carbonate	(CAS No) 497-19-8 (EC no) 207-838-8 (EC index no) 011-005-00-2 (REACH-no) 01-2119485498-19	15 - 30	Eye Irrit. 2, H319

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If on skin, take off contaminated clothing. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove contaminated clothing and shoes. Wash with plenty of soap and water.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth. Never give anything by mouth to an unconscious person.

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

- Symptoms/injuries after inhalation : Cough. May cause respiratory irritation.
- Symptoms/injuries after skin contact : Contact during a long period may cause slight irritation.
- Symptoms/injuries after eye contact : Redness, pain.
- Symptoms/injuries after ingestion : Ingestion may cause nausea, vomiting and diarrhea.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Foam.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None under normal conditions.
- Explosion hazard : Product is not explosive.
- Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon monoxide. Carbon dioxide.

5.3. Advice for firefighters

- Precautionary measures fire : Self-contained breathing apparatus when in close proximity to fire.
- Firefighting instructions : Fight fire remotely due to the risk of explosion.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Ensure adequate ventilation. Sweep or shovel spills.

6.1.1. For non-emergency personnel

- Protective equipment : Personal protection. Do not breathe dust.
- Emergency procedures : Do not breathe dust. Avoid all contact with skin, eyes, or clothing. Evacuate area.
- Measures in case of dust release : Sweep or vacuum the product to recover it.

6.1.2. For emergency responders

- Protective equipment : Avoid breathing Dust. Personal protection. See Heading 8.2. Equip cleanup crew with proper protection.
- Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel. Stop leak if safe to do so.

DEGRAISSANT FRITEUSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Dike the product for recovery.
Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Minimize generation of dust.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid raising dust. Avoid contact with skin and eyes. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store tightly closed in a dry and cool place. Keep only in the original container. Protect from moisture.
Storage temperature : 4 - 25 °C
Prohibitions on mixed storage : Keep away from food, drink and animal feeding stuffs.
Storage area : Prevent moisture contact.
Packaging materials : PP.

7.3. Specific end use(s)

Cleaning product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Protease (Subtilisin) (9014-01-1)

Belgium	Limit value (mg/m³)	0,00006 mg/m³
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8.2. Exposure controls

Appropriate engineering controls : Ensure adequate air ventilation.
Personal protective equipment : Gloves.
Materials for protective clothing : No special clothing/skin protection equipment is recommended under normal conditions of use.
Hand protection : In case of repeated or prolonged contact wear gloves. (EN 134)
Eye protection : None necessary. Avoid contact with eyes
Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use.
Respiratory protection : Approved dust or mist respirator should be used if airborne particles are generated when handling this material.



Thermal hazard protection : None necessary.
Environmental exposure controls : Prevent entry to sewers and public waters. Avoid release to the environment.
Other information : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. The equipment must be cleaned thoroughly after each use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Powder.
Colour : white.
Odour : Odourless or almost odourless.
Odour threshold : Not tested
pH : Not applicable

DEGRAISSANT FRITEUSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: Not tested
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Critical temperature	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: The product is not flammable.
Vapour pressure	: Not tested
Relative vapour density at 20 °C	: Not applicable
Relative density	: Not tested
Density	: 1150 - 1450
Solubility	: Material highly soluble in water.
Log Pow	: Not tested
Log Kow	: Not tested
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: None.
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of storage, handling and use.

10.2. Chemical stability

Stable under normal conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

In the event of fire, may decompose : Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

sodium carbonate (497-19-8)	
LD50 oral rat	> 2000 mg/kg
LC50, mouse, Inhalation	2.3 mg/l (2 Hours)
LC50, mouse, Inhalation	> 5000 mg/l (4 Hours)

Skin corrosion/irritation : Repeated or prolonged skin contact may cause irritation.

pH: Not applicable

Serious eye damage/irritation : May cause eye irritation

pH: Not applicable

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

DEGRAISSANT FRITEUSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Aspiration hazard : May cause irritation to the respiratory tract.

SECTION 12: Ecological information

12.1. Toxicity

sodium carbonate (497-19-8)	
LC50, Fish	> 200 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	> 200 mg/l (48 Hours)

12.2. Persistence and degradability

DEGRAISSANT FRITEUSE	
Persistence and degradability	Readily biodegradable.
sodium carbonate (497-19-8)	
Persistence and degradability	Inorganic product.

12.3. Bioaccumulative potential

DEGRAISSANT FRITEUSE	
Log Pow	Not tested
Log Kow	Not tested
sodium carbonate (497-19-8)	
Bioaccumulative potential	Not bioaccumulable.

12.4. Mobility in soil

sodium carbonate (497-19-8)	
Ecology - soil	Soluble in water.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Remove to an authorized waste treatment plant.
Sewage disposal recommendations	: May be discharged to wastewater treatment installation.
Waste disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point. WHEN TOTALLY EMPTY, containers are recyclable like any other packing.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 30 - detergents other than those mentioned in 20 01 29
R code/ D code	: D9 - Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	: Not applicable

IMDG	
Transport hazard class(es) (IMDG)	: Not applicable

DEGRAISSANT FRITEUSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

DEGRAISSANT FRITEUSE is not on the REACH Candidate List

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
phosphates	15-30%
non-ionic surfactants	<5%
enzymes	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

according to Regulation (EC) No. 453/2010.

	Supersedes	Added	
	Date of issue	Modified	

DEGRAISSANT FRITEUSE

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

	Revision date	Modified	
2.1	Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]	Removed	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Added	
2.2	Labelling according to Directive 67/548/EEC or 1999/45/EC	Removed	
2.2	Labelling according to Regulation (EC) No. 1272/2008 [CLP]	Added	

Full text of R-, H- and EUH-phrases:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation
R36	Irritating to eyes
Xi	Irritant

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product