

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Updated on: 17.09.2019

Cancels and replaces: 10.05.2017

Page 1 sur 11 Version 4.0

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

### 1.1. Product identifier

Product Name **CARLYCLEAN-F**  
Product form **AEROSOL - mixture**  
Type of product **Detergent**  
REACH Registration No. **Not required**

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

**Identified use(s):** Cleaning foam all surfaces. For professional use only  
**Function or use category:** Category : A1, INS Registration N° : 1795799  
**Uses advised against:** Nothing known

### 1.3. Details of the supplier of the safety data sheet

**CARLY**  
Zone Industrielle de Braille - 69380 Lissieu – France  
www.carly-sa.com - Telephone: +33 (0) 478 476 120 - Fax: +33 (0) 478 473 698  
E-mail address of person responsible for the Safety Data Sheet **info@carly-sa.com**

### 1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
UNITED KINGDOM	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

Emergency telephone - company **+33 (0) 472 549 881 or +33 (0) 472 549 898 – Telephone numbers to be used only during the opening office hours from Monday to Friday.**

## SECTION 2: Hazards identification

The mixture is regulated according Regulation (EC) No. 1272/2008, their adaptations and annexes.

### 2.1. Classification of the substance or mixture

**In compliance with EC regulation No. 1272/2008 and its amendments:**  
Aerosol 3, H229.

Aerosol, Category 3. Pressurized container under pressure: may burst under the effect of heat.

### 2.2. Label elements

Mixture for aerosol application.  
**In compliance with EC regulation No. 1272/2008 and its amendments:**  
-

Hazard symbols

Signal words

**WARNING**

Hazard statements and additional hazard information

H229 – Pressurized container: may burst under the effect of pressure.

Precaution statements

P102 - Keep out of reach of children.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P211 – Do not spray on an open flame or any other kind of ignition.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P410+P412 – Protect for sunlight. Do no expose to temperatures exceeding 50°C/122°F.

Additional Sentences

9,5% by mass of the contents are flammable.  
Do not use for any other purpose than the one for which the product is intended. For professional use only.  
Gas contains fluorinated greenhouse gases: HFC-134a:0.041kg; 0,058t Eq.CO<sub>2</sub>; GWP=12

### 2.3. Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

**Carly**

ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698

# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 2 sur 9

## SECTION 3: Composition / Information on ingredients

- 3.1 Substances** Not applicable  
**3.2. Mixture** Active substance with propellant.  
Chemical nature

EC Classification No. 1272/2008/EC

Hazardous ingredients	CAS No.	Index No.	EC No.	Hazard pictograms Hazard statement	REACH Regulation No.	% W/W
1,1,1,2-Tetrafluoroethane	811-97-2	-	212-377-0	Liquefied gas - H280	01-2119459374-33	10 - 20 %
Ethanol	64-17-5	603-002-00-5	200-578-6	Flammable liquids - category 2 - H225 Serious eye damage/irritation, Cat.2 - H319	01-2119457610-43	1 - 5 %
(2-methoxyméthyletoxy) propanol	34590-94-8	-	252-104-2	-	01-2119450011-60	1 - 5 %
3-butoxypropan-2-ol, propylene glycol monobutyl ether	5131-66-8	603-052-00-8	225-878-4	Serious eye damage/eye irritation, Cat.2 - H319 Skin corrosion/irritation - Cat 2 - H315	01-2119475527-28	1 - 5 %
Isobutane (<0.1% butadiene)	75-28-5	601-004-00-0	200-857-2	Flammable gases, Hazard Cat. 1-H220 ; Liquefied gas - H280	01-211948539527	1 - 5 %
Sodium benzoate	532-32-1	-	208-534-8	Serious eye damage/irritation, Cat.2 - H319	01-2119460683-35	0,1 - 1 %
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	-	-	500-234-8	Skin corrosion/irritation - Cat 2 - H315 Serious eye damage - Cat. 1 - H318 Hazardous to the aquatic environment - AcuteHazard, Cat. 1 - H400	01-2119488636-16	0,1 - 1 %
Ammoniac	1336-21-6	007-001-01-2	215-647-6	Skin corrosion, categories 1B - H314 Hazardous to the aquatic environment - Acute Hazard, Catégorie 1 - H400	-	< 0.1 %

See section 16 for the full text for the H-Phrases above.

### Limits of specific concentrations

Hazardous ingredients	CAS No.	Index No.	EC No.	Limits of specific concentrations	REACH Regulation No.	% W/W
Ethanol	64-17-5	603-002-00-5	200-578-6	(C >= 50) Serious eye damage / irritation, Cat.2 - H319	01-2119457610-43	1 - 5 %
Ammoniac	1336-21-6	007-001-01-2	215-647-6	(C >= 5) Specific target organ toxicity - Single exposure, Hazard Category 3, Respiratory tract irritation - H335	-	< 0.1 %

## SECTION 4: First aid measures

In all case, where there is any doubt or if the symptoms persist, always consult a doctor.

- 4.1. Description of first aid measures**  
Inhalation: If the person feels unwell, move the affected person to the fresh air. Allow the victim to rest. Seek medical advice.  
Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation persists.  
Eye contact: Rinse immediately and thoroughly, pulling the eyelids well away from the eye, at least 10-15 minutes. If irritation persists, consult an ophtalmologist.  
Ingestion: Rinse out mouth with water. NEVER attempt to induce vomiting. Keep the person quite and resting, call a doctor, and show him the packaging or the label. Never give an unconscious person anything to drink.
- 4.2. Most important symptoms and effects, both acute and delayed**  
Inhalation: Not considered as dangerous for the inhalation in normal conditions of use.  
Skin contact: Not considered as particularly dangerous for the contact of the skin in normal conditions of use.  
Eye contact: Direct contact with the eyes is likely to be irritating.  
Ingestion: Ingestion unlikely.
- 4.3. Indication of immediate medical attention and special treatment needed**  
Advice to physicians: Treat symptomatically.

Carly

ZI de Braille, 69380 Lissieu - France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698

# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 3 sur 9

## SECTION 5: Fire-fighting measures

- 5.1. Extinguishing Media** Suitable Extinguishing Media: Foam. Carbon dioxide. Powder. Water spray.  
Unsuitable Extinguishing Media: Water with full jet.
- 5.2. Special hazards arising from the substance or mixture** Not flammable aerosol.  
Pressurized container under pressure: may burst under the effect of heat.  
Avoid (reject) fire-fighting water to enter environment.
- 5.3. Advice for fire-fighters** Flammable class: Not flammable.  
Protection against fire: Do not enter fire area without proper protective equipment, including respiratory protection.  
Special procedures: Exercise caution when fighting any chemical fire. During a fire, projections ignited aerosol that burst under excessive pressure have to be controlled. To avoid overpressure, cool aerosols with water.

## SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures** General precautions: Measures to take in the case of crushing or piercing aerosols, causing the leaking of products contained in aerosols. Ventilate area. Remove ignition sources.  
Personal precautions: Wear adequate personal protection. Watch an adequate ventilation. Eliminate all sources of ignition. Avoid contact with skin and eyes. Do not breathe vapours.
- 6.2. Environmental precautions** For a spillage contain the spilled material by bunding.  
Do not discharge into drains and rivers.  
Do not allow product to spread into the environment.  
Eliminate as stipulated in current local and national laws.
- 6.3. Methods and material for containment and cleaning up** Recovery: Use inert absorbent material.  
Collect up the product and place it in a spare container correctly labeled.  
Keep recovered product for subsequent disposal.  
  
Absorb non-recoverable liquid with:  
- dry sand  
- saw-dust or an inert absorbent material.  
Waste mixtures containing propane/butane may not enter into drains or sewers where vapours could accumulate and ignite.  
  
Cleaning / decontamination: -
- 6.4. Reference to other sections** Individual protection equipment: see section 8.  
Waste treatment: See Section 13 for more details.

## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** A good ventilation of the workplace is necessary.  
Do not breathe gas, fumes, vapour or spray. Use for intended purposes only.  
Store and handle as though always a serious potential fire/explosion and health hazard exists. During the handling of a pallet, you have to take all precaution to avoid a start of an accident perforation of the aerosol by a fork-lift truck. During the load and unloading of the vehicle, you have to take all the precaution to avoid a fall aerosol. Do not spray the aerosol neither close nor towards a flame, a white-hot body, an electrical appliance in running, DO NOT SMOCKING.  
  
**Handling:** Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Do not use for a different purpose than the one for which the product is intended.  
  
**Precautions in handling and storage:** Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Good ventilation of the workplace required. Container under pressure. Do not drill or burn even after use.

**Carly**

ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698

# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 4 sur 9

## SECTION 7: Handling and storage (continued)

- 7.2. Conditions for safe storage, including any incompatibilities**      **Storage:** These recommendations have to be apply in warehouse and stockrooms where aerosols are stored. It is advised to differentiate the aerosols in the stock. The "aerosol area" must be delimited by a 5cm at the lastest wire netting cage or a wall to avoid aerosols discharges which would set fire to the rest of the stock.  
DO NOT SMOCKING.  
To limit falling risks, it is advisable to put the pallets as close as possible of the floor. If they are moved, it is advisable to make sure that the lower layer is not crushing - Leaking risks by compression.  
It is advised :  
- To ventilate the permises and to not store aerosols near to a source of heat and so does for the rays of sunshine.  
- To use the fire procedures in case of works.  
Store in dry, well-ventilated area. Keep at temperature not exceeding 50°C.  
**Storage - away from:** Freezing.
- 7.3. Specific end use(s)**      Primarily used in cleaning of all surfaces (metals, plastics...). Allowed for cleaning the surfaces in food industry (professional kitchens, cold rooms...).

## SECTION 8: Exposure controls / Personal protection

- 8.1. Control parameters**      **Occupational exposure limits**  
Ethanol (64-17-5)  
VLE - France [mg/m<sup>3</sup>] : 9500      VLE - France [ppm] : 5000  
VME - France [mg/m<sup>3</sup>] : 1900      VME - France [ppm] : 1000  
1,1,1,2-Tetrafluoroethane : VME [mg/m<sup>3</sup>] : 4420  
VME [ppm] : 1000  
(2-methoxyméthyletoxy)propanol  
UE      IOELV TWA (mg/m<sup>3</sup>) : 308 mg/m<sup>3</sup>  
UE      IOELV TWA (ppm) : 50 ppm  
UE      Notes Skin  
France      VME (mg/m<sup>3</sup>) : 308 mg/m<sup>3</sup>  
France      VME (ppm) : 50 ppm
- 8.2. Exposure controls**      **Technical measures of protection**  
Ensure that the area is sufficiently ventilated.
- Personal protective equipment**  
- Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.  
- Skin protection: In case of repeated or prolonged contact wear gloves.  
- Eye/face protection: Eye protection should only be necessary where liquid could be splashed or sprayed.  
- Body protection: No special clothing/skin protection equipment is recommended under normal conditions of use.
- Industrial hygiene:** When using, do not eat, drink or smoke.  
Provide local exhaust or general room ventilation.

## SECTION 9: Physical and chemical properties

- |   |                            |                              |
|---|----------------------------|------------------------------|
| <b>9.1. Information on basic physical and chemical properties</b> | <b>General information</b> | AEROSOL                      |
|   | Form                       | Liquide                      |
|   | Appearance                 | Clear                        |
|   | Colour                     | Colorless in slightly yellow |
|   | Odour                      | Green Tea perfume            |
|   | Odour threshold            | -                            |

**Carly**

ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698

# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 5 sur 9

## SECTION 9: Physical and chemical properties (suite)

Information on basic physical and chemical properties	Important information for health, safety and environment
	pH at 20°C 11.2 ± 0.2
	Melting point (°C) -
	Boiling point (°C) Not applicable (aerosol)
	Flash point (°C) Not applicable
	Evaporation rate -
	Solid/gas flammability (°C) -
	Explosive limit (% vol), lower upper -
	Vapour pressure (hPa) à 20°C -
	Relative vapour density (air=1) 0.98
	Density altitude at 20°C -
	Solubility in water Miscible in all proportions
	Partition Coefficient (n-octanol/eau) -
	Auto ignition temperature -
	Decomposition temperature -
	Viscosity (mPa.s) at 20°C -
	Explosive properties Pressurized container under pressure: may burst under the effect of heat
	Combustive properties Not applicable
9.2. Other information	VOC content: 196.5 g/l (19.7%)

## SECTION 10: Stability and reactivity

10.1. Reactivity	No additional information available.
10.2. Chemical stability	Stable under normal conditions of storage and use (ambient temperature)
10.3. Possibility of hazardous reactions	None under normal conditions of use
10.4. Conditions to avoid	Open flame / Sparks / Heat / Direct sunlight / Freezing
10.5. Incompatible materials	Strong acids, strong basis. Hydrogen peroxide. Aerosol cases in metal, do not bring into contact with oxidize, acids or basis.
10.6. Hazardous decomposition products	None under normal conditions. Possible mixture decomposition at high temperature: carbon monoxides - carbon dioxide - nitrogen oxides.

## SECTION 11: Toxicological information

11.1. Information on toxicological effects	<b>Acute toxicity:</b> No classified Sodium benzoate (532-32-1) DL50 oral rat : 3140 mg/kg DL50 skin rabbit : > 2000 mg/kg CL50 inhalation rat (mg/l) : 12,2 mg/l. Ethanol (64-17-5) DL50 oral : 10470 mg/kg bodyweight DL50 skin : 15800 mg/kg bodyweight CL50 inhalation rat (mg/l) : > 99999 mg/m <sup>3</sup> (mist/dust - mg/l/4h) 1,1,1,2-Tétrafluoroéthane (811-97-2) CL50 inhalation rat (ppm) 500000 ppm/4h  <b>Corrosion / Irritation</b> Not classified. Considering the available data, the criteria of classification are not filled. pH: 11 - 11,4.  <b>Sensitisation:</b> Not classified. pH: 11 - 11,4
--	--

**Carly**

ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Product Name: **CARLYCLEAN -F**

Version: 4.0 - Page 6 sur 9

## SECTION 11: Toxicological information (continued)

### Information on toxicological effects

#### Carcinogenic, mutagenic or toxic to reproduction:

Not classified.

Considering the available data, the criteria of classification are not filled.

#### Special toxicity to some organ targeted – unrepeated or repeated exposure

Not classified.

Considering the available data, the criteria of classification are not filled

#### Possible human health effects and symptoms:

In case of repeated or prolonged exposure: Irritation of respiratory tract. Slightly irritant to eyes. Repeated or prolonged contact may cause slight irritation to the skin.

## SECTION 12: Ecological information

### 12.1. Toxicity

We have no quantitative data about ecological effect of mixture.

Sodium benzoate (532-32-1)

- CL50 - Fish [mg/l] : 460

- CE50 - Daphnia magna [mg/l] : > 100

Ethanol (64-17-5)

- CL50 - Fish [mg/l] : 14200

- CE50 1 [mg/l] : 5012 (waterflea – 48h)

- CE50 2 [mg/l] : 275 (IC50 alga – 72h)

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other harmful effects

Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

#### Product waste

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

#### Packaging

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor. Do not pierce or burn, even after use.

## SECTION 14: Transport information

Mixture classified as dangerous for the transport, in compliance with provisions of the ADR (road) / RID (rail) / IMDG (sea) / IATA (air).

**Aerosols: Limited Quantity Exemption.** This product is packed in accordance with the Limited Quantity regulations.

### 14.1. UN number

1950

### 14.2. Proper Shipping Name

ADR – IMDG : AEROSOLS

IATA : AEROSOLS, NON-FLAMMABLE, CONTAINING TOXIC GAS

ADN – RID : AEROSOLS

#### Description on the transport document:

ADR : UN 1950 AÉROSOLS, 2.2, (E)

IMDG – ADN – RID : UN 1950 AÉROSOLS, 2.2

IATA : UN 1950 Aerosols, non-flammable, containing toxic gas, 2.2

#### Carly

ZI de Braille, 69380 Lissieu – France

T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698


# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 7 sur 9

## SECTION 14: Transport information (continued)

14.3. Transport hazard class(es)	Classe 2.2 Label 2.2	
14.4. Packing group	Not applicable	
14.5. Environmental hazards	No Marin pollutant : No	
14.6. Special precautions for user	<b>ADR</b> Classification code: 5A Special provisions: 190, 327, 344, 625 <b>Limited quantities (LQ): 1L</b> Excepted Quantity (EQ): E0 Packaging instructions: P207, LP02 Special packaging instructions: PP87, RR6, L2 Special provisions for packing together: MP9 Transport category: 3 Special transport instructions – parcel: V14 Special transport instructions - Load, unloading and handling: CV9, CV12 Tunnel restrictions code: E <b>IMDG</b> No information available <b>IATA</b> No information available <b>RID</b> No information available	
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not concerned	

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency.

## SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislations specific for the substance or mixture	<b>Classification and labelling information included in section 2:</b> The following regulations have been used: - Regulation EC 1272/2008 modified by regulation EC 618/2012 - Directive 75/734/CEE modified by directive 2013/10/UE <b>Other information, limitations and legal requirements:</b> - Aerosol Generator Directive 75/324/EEC and its amendments. - Detergents regulation 648/2004/EC. <b>Container information:</b> No data available. <b>EU Directives and Regulations on use:</b> No limitations according to the appendix XVII of REACH. Does not contain substance candidate REACH. Contains no REACH Annex XIV substances. <u>Allergenic fragrances &gt; 0,01%: Linalool – D-Limonene</u> <u>Mixture composition (regulation EC no. 648/2004 – 907/2006):</u> - Halogenated hydrocarbons: 5-15% - Anionic surfactants, aliphatic hydrocarbons: <5% - Fragrance ; Linalool ; D-limonene.  Volatil Organic Components content (VOC): 19.7% (196.5 g/l)
---	--

**Carly**  
ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698

# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 8 sur 9

## SECTION 15: Regulatory information (continued)

**15.2. Chemical safety assessment** No Chemical Safety Report realized for this mixture.

## SECTION 16: Other information

### Data sources:

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.

### H-Statements used in Section 3

H220 - Extremely flammable gas  
H225 - Highly flammable liquid and vapour  
H229 - Pressurized container: may burst under the effect of pressure  
H280 - Contains gas under pressure; may explode if heated  
H314 - Causes severe skin burns and eye damage.  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H400 - Very toxic to aquatic life  
H412 - Harmful to aquatic life with long lasting effects.

Acute Tox. 4 (Dermal) - Acute toxicity (dermal), Category 4  
Acute Tox. 4 (Inhalation) - Acute toxicity (inhal.), Category 4  
Acute Tox. 4 (Inhalation: dust, mist) - Acute toxicity (inhalation: dust, mist) Category 4  
Acute Tox. 4 (Oral) - Acute toxicity (oral), Category 4  
Aerosol 3 - Aerosol, Category 3  
Aquatic Acute 1 - Hazardous to the aquatic environment – Acute Hazard, Category 1  
Aquatic Chronic 3 - Hazardous to the aquatic environment – Chronic Hazard, Category 3  
Eye Dam. 1 - Serious eye damage/eye irritation, Category 1  
Eye Irrit. 2 - Serious eye damage/eye irritation, Category 2  
Flam. Gas 1 - Flammable gases, Category 1  
Flam. Liq. 2 - Flammable liquids, Category 2  
Liquefied gas - Gases under pressure: Liquefied gas  
Skin Corr. 1B - Skin corrosion/irritation, Category 1B  
Skin Irrit. 2 - Skin corrosion/irritation, Category 2

### Legend

VLE - Term Exposure Limit  
VME - Medium Term Exposure Limit  
VLCT - Short Term Exposure Limit  
TWA - Time Weighted Average  
STEL - Short Term Exposure Limit  
LD50 - Lethal Dose, 50%  
LC50 - Lethal Concentration, 50%  
EC50 - Effective Concentration, 50 %  
OECD - Organisation for Economic Co-operation and Development  
PBT - Persistent, Bioaccumulative and Toxic  
vPvB - very Persistent and very Bioaccumulative  
DNEL - Derived No-Effect Level  
PNEC - Predicted No-Effect Concentration  
ADR - European agreement concerning the international carriage of dangerous goods by Road.  
IMDG - International Maritime Dangerous Goods.  
IATA - International Air Transport Association.  
ICAO - International Civil Aviation Organisation  
RID - Regulations concerning the International carriage of Dangerous goods by rail.  
WGK - Wassergefährdungsklasse (Water Hazard Class).

**Carly**

ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698



# SAFETY DATA SHEET

Product Name: **CARLYCLEAN -F**

according to Regulation (EC) No. 1907/2006 (Reach) – (EU) No. 2015/830

Version: 4.0 - Page 9 sur 9

## SECTION 16: Other information (continued)

### Product for professional use only

For more information regarding the use of this product please refer to the technical information or contact the sales department in your region.

### Update

This sheet was updated (refer to the date at the top of the first page)

This Safety Data Sheet was updated in accordance with Directive 1999/45/EC and 1272/2010/EC, the regulation 453/2010/EU (amendment on Annex II of 1907/2006/EC) and their adaptations.

The following sections contain revisions or new statements: **3 - 5.2 - 8.1 - 9 - 11.1 - 12.1 - 14 - 15.1**

All information and instructions provided in this Material Safety Data Sheet is based on the current state of scientific and technical knowledge at the date indicated on the present MSDS, but does not constitute a guarantee of the properties of the product and is not a contractual legal report.

The safety data sheet has been written in conformity with the article 31 and the Annex II of the UE REACH regulation, and the amendments concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and mixtures.

It is the responsibility of persons in receipt of this MSDS to ensure that all people who may use, handle, dispose or in any way come in contact with the product understands this information.

This sheet completes the technical sheets but it does not replace them. The information given is based on our knowledge of this product. It is given in good faith. This document should not be considered as a guarantee of specifications. The users attention is drawn to the risks possibly incurred by using the product for any other purpose than that for which it was intended. This document does not in any way excuse the user from knowing and applying all the regulations governing his activity for the handling, usage, application, storage, transport, and waste disposal of the product. It is the sole responsibility of the user to take all precautions required in handling the product. The mandatory regulations mentioned are only intended to help the user to fulfill his obligations regarding the use of hazardous products. This listing must not be considered as exhaustive. It does not exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

**Carly**

ZI de Braille, 69380 Lissieu – France  
T: +33 (0) 478 476 120 - F: +33 (0) 478 473 698