

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 1/10 Version: 1.0
---	--	----------------------------

**1. Section 1. Identification of the substance/mixture and of the company/undertaking:**

## 1.1. Product identifier:

Trade name: **ACTIVE FOAM NANO**  
Product code: **1 35476 (1L); 1 35158 (25L)**

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

Uses of the mixture: Active foam for washing cars.  
For professional and industrial use only.

Uses advised against: Not known.

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

## Identification of manufacturer/Supplier:

RETECH, s.r.o.  
Vackova 1541/4  
150 00 Praha 5 - Stodůlky

Telephone number/Fax: +420 327 596 128, +420 327 596 428

E-mail: info@retech.cz

## 1.4. Emergency telephone number: RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic

Telephone number: +420 327 596 128 (7.30-16.00 hour)  
Toxikologické informační středisko (Toxicology information centre),  
Na bojišti 1, 128 08 PRAHA 2, Czech Republic  
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)

**2. Section 2. Hazard identification:**

## 2.1. Classification of the substance or mixture:

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

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

## 2.2. Label elements:

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



Signal Word: Danger

## Hazard Statements:

H318 Causes serious eye damage.

H315 Causes skin irritation.

## Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with national regulation.

## Contained dangerous substances:

68439-57-6 sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts;

97862-59-4 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts;

111-42-2 diethanolamine;

1310-73-2 sodium hydroxide

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 2/10 Version: 1.0
---	--	----------------------------

Regulation (EC) No 648/2004:

Anionic surfactants 15 - 30 %; amphoteric surfactants 5 - 15 %; EDTA and salts thereof < 5 %; NTA (nitrilotriacetic acid) and salts thereof < 5 %; parfum; colorant; LIMONENE, TERPINOLENE

2.3. Other hazards:

Results of PBT and vPvB assessment:

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**3. Section 3. Composition/information on ingredients:**

3.2. Mixtures:

Description of the mixture: Mixture of active ingredients

Hazardous ingredients:

CAS: 68439-57-6 EINECS: 270-407-8 Reg.nr.: 01-2119513401-57	Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts Skin Irrit. 2, H315; Eye Dam. 1, H318; Acute Tox. 4, H302	< 30 %
CAS: 97862-59-4 EINECS: 931-296-8	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts; Cocamidopropyl Betaine Eye Dam. 1, H318	< 15 %
CAS: 102-71-6 EINECS: 203-049-8 Reg.nr.: 01-2119486482-31	Triethanolamine; 2,2',2''-nitrilotriethanol Substance with a Community workplace exposure limit.	< 5 %
CAS: 111-42-2 EINECS: 203-868-0 Reg.nr.: 01-2119488930-28	Diethanolamine; 2,2'-iminodiethanol Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT RE 2, H373	< 1 %
CAS: 64-02-8 EINECS: 200-573-9 Reg.nr.: 01-2119486762-27	Tetrasodium EDTA (ethylene diamine tetraacetate) Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Dam 1, H318	< 0.5 %
CAS: 1310-73-2 EINECS: 215-185-5 Reg.nr.: 01-2119457892-27	Sodium hydroxide* Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Damage 1, H318	< 0.5 %

\*Specific Concentration limits: Skin Corr. 1A; H314: C ≥ 5 %; Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %; Skin Irrit. 2; H315: 0.5 % ≤ C < 2 %; Skin Corr. 1B; H314: 2 % ≤ C < 5 %

For full text of H-statements: see SECTION 16.

Nařízení (ES) 648/2004 o detergitech:

Anionic surfactants 15 - 30 %;

amphoteric surfactants 5 - 15 %;

EDTA and salts thereof < 5 %;

NTA (nitrilotriacetic acid) and salts thereof < 5 %;

parfum; colorant; LIMONENE, TERPINOLENE

**4. Section 4. First aid measures:**

4.1. Description of first aid measures:

General notes:

In severe cases obtain medical help immediately. Do not induce vomiting. Any personal protective equipment for first aid responders is not recommended. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Move affected person to fresh air.

After skin contact:

If experiencing respiratory symptoms, call for a doctor.

Take off immediately all contaminated clothing and shoes.

After contact with skin, wash immediately with plenty of soap and water, treat with regenerative cream.

Get medical attention if irritation occurs.

After eye contact:

Rinse opened eye for several minutes under running water.

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 3/10 Version: 1.0
---	--	----------------------------

<p>After swallowing:</p> <p>4.2. Most important symptoms and effects, both acute and delayed:</p> <p>After inhalation:</p> <p>After skin contact:</p> <p>After eye contact:</p> <p>After swallowing:</p> <p>4.3. Indication of any immediate medical attention and special treatment needed:</p>	<p>Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. Do not induce vomiting. Rinse mouth immediately and drink large quantities of water. Get medical attention immediately.</p> <p>May cause irritation of the airways. Cause skin irritation with redness. Cause burning, redness, lacrimation. May cause nausea and vomiting.</p> <p>Procedure determined by the doctor.</p>
<p><b>5. Section 5. Fire fighting measures:</b></p> <p>5.1. Extinguishing media:</p> <p>Suitable extinguishing agents:</p> <p>Unsuitable extinguishing agents:</p> <p>5.2. Special hazards arising from the substance or mixture:</p> <p>5.3. Advice for firefighters:</p>	<p>Water haze, fire-extinguishing powder, foam.</p> <p>Full water jet.</p> <p>Formation of toxic gases and vapours is possible during heating or in case of fire – carbon, nitrogen, sulphur oxides.</p> <p>Depending on extent of fire – protective clothing for fire-fighting, breathing mask, breathing apparatus.</p>
<p><b>6. Section 6. Accidental release measures:</b></p> <p>6.1. Personal precautions, protective equipment and emergency procedures:</p> <p>6.2. Environmental precautions:</p> <p>6.3. Methods and material for containment and cleaning up:</p> <p>6.4. Reference to other sections:</p>	<p>Wear protective equipment, see Section 8. Do not smoke. Keep away from ignition sources. Ensure adequate ventilation. Avoid contact with skin, eyes and airways.</p> <p>Do not allow to enter sewage system, surface or ground water. In case of entry into sewerage or watercourses, inform immediately respective authorities.</p> <p>Appropriate containment techniques: Collect spillage with non-combustible, absorbent material (sand, diatomaceous earth, universal absorbent material), cover drains. Appropriate cleaning-up procedures: Waste collect to appropriate containers. Clean up preferably with a detergent. If possible, do not use solvents. Dispose contaminated material as waste according to Section 13.</p> <p>See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.</p>
<p><b>7. Section 7. Handling and storage:</b></p> <p>7.1. Precautions for safe handling:</p> <p>Protective measures:</p> <p>Measures to prevent fire:</p>	<p>Wear protective equipment, see Section 8. Avoid contact with skin, eyes. Do not breathe vapours. Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of work. Respect statutory rules about occupational safety and health.</p> <p>Keep away from ignition sources. Do not smoke. Protect from heat, direct sunlight and source of ignition.</p>

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 4/10 Version: 1.0
---	--	----------------------------

7.2. Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels:

Store in a dry and well-ventilated place.

Observe official regulations on storing packagings with pressurized containers.

Technical measures and storage conditions:

Store at temperatures between 5 °C and 25 °C.

Observe official regulations on storing packagings with pressurized containers.

Further information on storage conditions:

Keep out of reach of children.

Keep away from ignition sources. Do not smoke.

Protect from direct sunlight.

Possible exothermic reactions in contact with strong oxidizing, reducing agents, acids or alkalis.

7.3. Specific end use(s):

See section 1.2.

**8. Section 8. Exposure controls/personal protection:**

8.1. Control parameters:

Components with limit values that require monitoring at the workplace:

WEL (United Kingdom): EH40/2005

CAS	Substance	Long-term (8-hr TWA ref. period)		Short-term (15 minute ref. period)		Comments
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
1310-73-2	Sodium hydroxide	-	-	-	2	-

OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG

Contains no substances with occupational exposure limit values.

DNEL

68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Inhalation	Chronic effects systemic	152.22	mg/m <sup>3</sup>	Workers
	Chronic effects systemic	45.04	mg/m <sup>3</sup>	Consumers
Dermal	Chronic effects systemic	2158.33	mg/kg Body weight/day	Workers
	Chronic effects systemic	1295	mg/kg Body weight/day	Consumers
Oral	Chronic effects systemic	12.95	mg/kg Body weight/day	Consumers

102-71-6 2,2',2''-Nitrioltriethanol

Inhalation	Chronic effects systemic	5	mg/m <sup>3</sup>	Workers
	Chronic effects systemic	1.25	mg/m <sup>3</sup>	Consumers
	Chronic effects local	5	mg/m <sup>3</sup>	Workers
	Chronic effects local	1.25	mg/m <sup>3</sup>	Consumers
Dermal	Chronic effects systemic	6.3	mg/kg Body weight/day	Workers
	Chronic effects systemic	3.1	mg/kg Body weight/day	Consumers
Oral	Chronic effects systemic	13	mg/kg Body weight/day	Consumers

111-42-2 Diethanolamine

Inhalation	Chronic effects local	1	mg/m <sup>3</sup>	Workers
	Chronic effects local	0.25	mg/m <sup>3</sup>	Consumers
Dermal	Chronic effects systemic	0.13	mg/kg Body weight/day	Workers
	Chronic effects systemic	0.07	mg/kg Body weight/day	Consumers
Oral	Chronic effects systemic	0.06	mg/kg Body weight/day	Consumers

64-02-8 Tetrasodium ethylene diamine tetraacetate

Inhalation	Chronic effects local	1.5	mg/m <sup>3</sup>	Workers
	Chronic effects local	0.6	mg/m <sup>3</sup>	Consumers
	Acute effects local	3	mg/m <sup>3</sup>	Workers
	Acute effects local	1.2	mg/m <sup>3</sup>	Consumers
Oral	Chronic effects systemic	25	mg/kg Body weight/day	Consumers

1310-73-2 Sodium hydroxide

Inhalation	Chronic effects local	1	mg/m <sup>3</sup>	Workers
	Chronic effects local	1	mg/m <sup>3</sup>	Consumers

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 5/10 Version: 1.0
---	--	----------------------------

### PNEC

68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Freshwater	0.024 mg/l
Marine water	0.002 mg/l
Intermittent releases	0.02 mg/l
Sewage treatment plant	4 mg/l
Sediment (freshwater)	0.767 mg/kg
Sediment (marine water)	0.077 mg/kg
Soil	1.21 mg/kg

102-71-6 2,2',2''-Nitrilotriethanol

Freshwater	0.32 mg/l
Marine water	0.032 mg/l
Intermittent releases	5.12 mg/l
Sewage treatment plant	10 mg/l
Sediment (freshwater)	1.7 mg/kg
Sediment (marine water)	0.17 mg/kg
Soil	0.151 mg/kg

111-42-2 Diethanolamine

Freshwater	0.016 mg/l
Marine water	0.002 mg/l
Intermittent releases	0.097 mg/l
Sewage treatment plant	100 mg/l
Sediment (freshwater)	0.072 mg/kg
Sediment (marine water)	0.007 mg/kg
Soil	0.005 mg/kg

64-02-8 Tetrasodium ethylene diamine tetraacetate

Freshwater	2.2 mg/l
Marine water	0.22 mg/l
Intermittent releases	1.2 mg/l
Sewage treatment plant	43 mg/l
Soil	0.72 mg/kg

Additional information: The lists that were valid during the compilation were as basis.

### 8.2. Exposure controls:

Technical measures to prevent exposure:

Ensure good ventilation/exhaustion at the workplace.

General protective measures:

Wash hands before breaks and at the end of work.

Treat hands with a suitable regenerative cream at the end of work.

Do not inhale vapours.

Avoid contact with skin, eyes.

Personal protection equipment:

Respiratory protection:

Not required during normal handling.

When handling large amounts of the product: protective mask with filter against organic vapours (filter P2).

Eye protection:

Protective goggles when handling large amounts of the product.

Hand protection:

Not required during normal handling.

For prolonged contact: nitrile, neoprene or PVC gloves.

Recommended thickness of the material: 0.4 mm

Suitable materials for prolonged, direct contact: protection index 6, which corresponds to > 480 minutes of permeation time (EN 374).

Follow specific instructions from the manufacturer, including the time of use.

If damaged, replace gloves immediately.

Skin protection:

Protective clothing.

## 9. Section 9. Physical and chemical properties:

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

Form: Liquid

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 6/10 Version: 1.0
---	--	----------------------------

Colour:	Parfum like - orange
Odour:	Characteristic
Odour threshold:	Not determined.
Value pH at 20 °C:	11.5 – 13.5
Melting point/freezing point:	Not determined.
Initial boiling point/boiling range:	Not determined.
Flash point:	Not determined.
Evaporation rate:	Not determined.
Flammability (solid, gas):	Not determined.
Explosive properties:	No explosive properties.
Explosive limits:	
– lower:	Not determined.
– upper:	Not determined.
Vapour pressure at 20°C:	Not determined.
Vapour density at 20 °C:	Not determined.
Density at 20°C:	1.06 – 1.07 g/cm <sup>3</sup>
Relative density:	Not determined.
Solubility in/miscibility:	Water: soluble.
Partition coefficient (n-octanol/water):	Not determined.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-ignition temperature:	Product is not selfigniting.
Viscosity:	Not determined.
Oxidising properties:	No oxidising properties.
9.2. Other information:	No further relevant information available.

### 10. Section 10. Stability and reactivity:

10.1. Reactivity:	No further relevant information available.
10.2. Chemical stability:	When using recommended storage and handling methods – stable.
10.3. Possibility of hazardous reactions:	Exothermic reactions possible with oxidizing or reducing agents, acids, alkalis, etc.
10.4. Conditions to avoid:	Do not warm up.
10.5. Incompatible materials:	No further relevant information available.
10.6. Hazardous decomposition products:	No decomposition under recommended handling conditions.

### 11. Section 11. Toxicological information:

11.1. Information on toxicological effects:	
Acute toxicity:	Based on available data, the classification criteria are not met. Ingestion may cause abdominal pain, nausea, vomiting. Inhalation of vapours may cause irritating to the airways.

#### Substances:

68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Oral	LD50	rat	7100 mg/kg
------	------	-----	------------

102-71-6 2,2',2''-Nitrilotriethanol

Oral	LD50	rat	> 5000 mg/kg
Dermal	LD50	rabbit	> 2000 mg/kg

1310-73-2 Sodium hydroxide

Oral	LD50	rabbit	500 mg/kg
Dermal	LD50	rabbit	1350 mg/kg
Intraperitoneal	LC50	mouse	40 mg/m <sup>3</sup>

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 7/10 Version: 1.0
---	--	----------------------------

97862-59-4 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts

Oral	LD50	rat	2335 mg/kg
------	------	-----	------------

Skin corrosion/irritation: Causes skin irritation.  
 Serious eye damage/irritation: Causes serious eye damage.  
 Respiratory or skin sensitization: Based on available data, the classification criteria are not met. This mixture contains a substance which may cause skin sensitization (perfume).  
 Germ cell mutagenicity: Based on available data, the classification criteria are not met.  
 Carcinogenicity: Based on available data, the classification criteria are not met.  
 Reproductive toxicity: Based on available data, the classification criteria are not met.  
 STOT - single exposure: Based on available data, the classification criteria are not met.  
 STOT - repeated exposure: Based on available data, the classification criteria are not met. This mixture contains a substance which meets the criteria of the classification as a toxic for specific target organ - repeated exposure (diethanolamine).  
 Aspiration hazard: Based on available data, the classification criteria are not met.  
 Other information: The mixture itself is not tested, but it is classified according to the Regulation (EC) No 1272/2008.

### 12. Section 12. Ecological information:

#### 12.1. Toxicity:

Aquatic toxicity: No further relevant information available.

68439-57-6 Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Fish:	LC50 / 96 h		13 mg/l
Invertebrates:	EC50 / 48 h	Daphnia	5 mg/l
Algae:	EC50 / 72 h		50 mg/l

97862-59-4 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts

Fish:	LC50 / 96 h	Pimephales promelas	1.11 mg/l
	LC50 / 96 h	Cyprinodon variegates	1.1 mg/l
Invertebrates:	EC50 / 48 h	Daphnia	7 mg/l
Algae:	EC50 / 72 h		2.4 mg/l

1310-73-2 Sodium hydroxide

Fish:	LC50 / 24 h	Carassius auratus	160 mg/l
	LC50 / 96 h	Gambusia affinis	125 mg/l
	LC100 / 24 h	Cyprinus carpio	180 mg/l
Invertebrates:	LC50 / 48 h	Daphnia sp.	100 mg/l

102-71-6 2,2',2''-Nitrilotriethanol

Fish:	LC50 / 96 h		450 - 1000 mg/l
Invertebrates:	EC50 / 24 h	Daphnia magna	1390 mg/l

#### 12.2. Persistence and degradability:

Biodegradability: 97862-59-4 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts  
 > 60 % (28 days). The substance is easily biodegradable.  
 102-71-6 2,2',2''-Nitrilotriethanol  
 > 97 % (28 days). OECD 301A. The substance is easily biodegradable.  
 > 89 % (14 days). OECD 302B. The substance is easily biodegradable.  
 > 92 % (3 hours). OECD 303A. The substance is easily biodegradable.

#### 12.3. Bioaccumulative potential:

No further relevant information available.  
 Partition coefficient n-octanol/water (log Pow): - 1 (triethanolamine)

#### 12.4. Mobility in soil:

This mixture is well miscible with water.




#### 12.5. Results of PBT and vPvB assessment:

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

#### 12.6. Other adverse effects:

No further relevant information available.

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 8/10 Version: 1.0
---	--	----------------------------

<b>13. Section 13. Disposal considerations:</b>		
13.1. Waste treatment methods:		
Product disposal:	Do not dispose of with municipal waste. Do not pour into drains. Recommended disposal: burning. European Waste Catalogue: 20 01 29* detergents containing hazardous substances (*hazardous waste)	
Packagings disposal:	Dispose of empty and clean containers with municipal waste. European Waste Catalogue: 15 01 02 plastic packaging Not empty containers are hazardous waste, dispose of it to special and hazardous waste collection point. European Waste Catalogue: 15 01 10* packaging containing residues of or contaminated by hazardous substances (*hazardous waste)	
Other disposal recommendations:	Disposal must be made according to official regulations. The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.	
<b>14. Section 14. Transport information:</b>		
14.1. UN number:		
ADR, IMDG, IATA	UN 1760	
14.2. UN proper shipping name:		
ADR	UN 1760 CORROSIVE LIQUID, N.O.S.	
IMDG	CORROSIVE LIQUID, N.O.S.	
IATA	CORROSIVE LIQUID, N.O.S.	
14.3. Transport hazard class(es):		
ADR		
Class	8	
Hazard label	8	
IMDG		
Class	8	
Hazard label	8	
IATA		
Class	8	
Hazard label	8	
14.4. Packing group:		
ADR, IMDG, IATA	III	
14.5. Environmental hazards:		
	NO	
14.6. Special precautions for user:		
Hazard identification No.:	80	
Limited quantity:	5L	
Classification code:	C9	
Transport category:	3	
Tunnel restriction code:	E	



## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 9/10 Version: 1.0
---	--	----------------------------

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:

Not applicable

UN "Model Regulation": UN 1760 CORROSIVE LIQUID, N.O.S., 8, III

### 15. Section 15. Regulatory information:

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

Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended

Commission Decision 2000/532/EC establishing a list of wastes, as amended

Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values

Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### 16. Section 16. Other information:

Relevant H-statements (Section 3):

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level

EC50: Median effective concentration to 50% of a population

EDTA: Ethylene Diamine Tetraacetate

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Median concentration lethal to 50 % of a test population

LD50: Median dose lethal to 50 % of a test population

N.O.S.: Not Otherwise Specified entry

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative, Toxic

PNEC: Predicted No-Effect Concentration

Reg.nr.: Registration number

vPvB: Very Persistent, Very Bioaccumulative

Acute Tox. 4: Acute toxicity, category 4

## Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 13/07/2016 Reviewed on:	Trade name: <b>ACTIVE FOAM NANO</b>	Page: 10/10 Version: 1.0
---	--	-----------------------------

Eye Dam. 1: Serious eye damage, category 1  
Met. Corr. 1: Substance or mixture corrosive to metals, category 1  
Skin Corr. 1: Skin corrosion, category 1  
Skin Irrit. 2: Skin irritation, category 2  
STOT RE 2: Specific target organ toxicity — repeated exposure, category 2

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**\*Compared to the last version the data has been changed.**