Version : N°2 (18/03/2022) RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 1/13 Revision: N°12 (17/03/2022)

## **SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name: MOUSSE NETTOYANTE

Product code: DN22K - 818658

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

SURFACE CLEANER

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

Registered company name: RUBIX Engineering.

Address: 61, Avenue Tony Garnier. 69007. LYON. France.

Telephone: 01.44.86.08.10. Fax:. info-rubix-engineering@rubix.com

#### 1.4. Emergency telephone number: +33 (0)1 45 42 59 59.

Association/Organisation: INRS / ORFILA http://www.centres-antipoison.net.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

## In compliance with EC regulation No. 1272/2008 and its amendments.

Aerosol, Category 1 (Aerosol 1, H222 - H229).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

## 2.2. Label elements

Detergent mixture (see section 15).

Mixture for aerosol application.

## In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms:





GHS02 GHS05

Signal Word : DANGER

Hazard statements:

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H318 Causes serious eye damage.

Precautionary statements - General:

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

P102 Keep out of reach of children.

Precautionary statements - Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

Version: N°2 (18/03/2022) RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

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

Precautionary statements - Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

Date: 19/10/2022 Page 2/13

Revision: N°12 (17/03/2022)

P310 Immediately call a POISON CENTER/doctor/...

Precautionary statements - Storage:

P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50 oC/122oF.

#### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

**Composition:** 

Identification.	(EC) 1272/2009	NI - 4	0/
Identification	(EC) 1272/2008	Note	%
INDEX: 603_014_00_0	GHS07	[1]	$2.5 \le x \% < 10$
CAS: 111-76-2	Wng		
EC: 203-905-0	Acute Tox. 4, H302		
REACH: 01-2119475108-36	Acute Tox. 4, H312		
	Skin Irrit. 2, H315		
2-BUTOXYETHANOL	Eye Irrit. 2, H319		
	Acute Tox. 4, H332		
INDEX: 601_004_00_0	GHS02, GHS04	С	2.5 <= x % < 10
CAS: 106-97-8	Dgr	[1]	
EC: 203-448-7	Flam. Gas 1, H220	[7]	
REACH: 01-2119474691-32	Press. Gas, H280		
BUTANE			
INDEX: 601 003 00 5	GHS02, GHS04	[1]	1 <= x % < 2.5
CAS: 74-98-6	Dgr	[7]	
EC: 200-827-9	Flam. Gas 1, H220		
REACH: 01-2119486944-21	Press. Gas, H280		
PROPANE			
INDEX: 007 010 00 4	GHS06, GHS09, GHS03		0 <= x % < 1
CAS: 7632-00-0	Dgr		
EC: 231-555-9	Ox. Sol. 2, H272		
REACH: 01-2119471836-27	Acute Tox. 3, H301		
2117771030 27	Eye Irrit. 2, H319		
SODIUM NITRITE	Aquatic Acute 1, H400		
SODIONI MIRITE	M Acute = 1		
	IVI Acute – I		

#### **Specific concentration limits:**

Identification	Specific concentration limits	ATE
INDEX: 603_014_00_0		inhalation: ATE = 2.21 mg/l 4h
CAS: 111-76-2		(dust/mist)
EC: 203-905-0		oral: ATE = 560 mg/kg BW
REACH: 01-2119475108-36		
2-BUTOXYETHANOL		

Version :  $N^{\circ}2$  (18/03/2022)

RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 3/13

Revision: N°12 (17/03/2022)

INDEX: 007_010_00_4	oral: ATE = 180 mg/kg BW
CAS: 7632-00-0	
EC: 231-555-9	
REACH: 01-2119471836-27	
SODIUM NITRITE	

#### **Information on ingredients:**

(Full text of H-phrases: see section 16)

- [1] Substance for which maximum workplace exposure limits are available.
- [7] Propellant gas

#### **SECTION 4: FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

## 4.1. description of first aid measures

#### In the event of splashes or contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

#### In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

## **SECTION 5: FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

## 5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

#### Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

## **Unsuitable methods of extinction**

In the event of a fire, do not use:

- water jet

## 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

# Revision: N°12 (17/03/2022)

Date: 19/10/2022 Page 4/13

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)
- nitrogen oxide (NO)
- nitrogen dioxide (NO2)

#### 5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

**MOUSSE NETTOYANTE - DN22K - 818658** 

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

## 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

#### For non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

#### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

## 6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

Clean preferably with a detergent, do not use solvents.

The elimination must be carried out by a registrated salvage professionnal.

### 6.4. Reference to other sections

No data available.

## **SECTION 7: HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

## 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

#### Fire prevention:

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

## $\label{lem:recommended} \textbf{Recommended equipment and procedures:}$

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Version: N°2 (18/03/2022) RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 5/13

Revision: N°12 (17/03/2022)

Where the personnel must carry out work in a booth, whether for spraying or otherwise, the ventilation may be inadequate to control particles and solvent vapors in every case.

It is therefore recommended that personnel wear masks with a compressed air supply during spraying operations until the concentration of particles and solvent vapors has fallen below the exposure limits.

Avoid eye contact with this mixture at all times.

Packages which have been opened must be reclosed carefully and stored in an upright position.

#### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

## 7.2. Conditions for safe storage, including any incompatibilities

No data available.

## Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

#### **Packaging**

Always keep in packaging made of an identical material to the original.

#### 7.3. Specific end use(s)

No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## **8.1.** Control parameters

## Occupational exposure limits:

 $- \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/1831, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European Union}} \, (2022/431, 2019/2018) : \\ - \, \underline{\text{European U$ 

CAS	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes :
111-76-2	98	20	246	50	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
111-76-2	20 ppm			A3; BEI	
106-97-8	1000 ppm				
74-98-6	1000 ppm				

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME:	VME:	Excess	Notes
111-76-2		10 ppm		2(I)
		49 mg/m <sup>3</sup>		
106-97-8		1000 ppm		4(II)
		2400 mg/m <sup>3</sup>		
74-98-6		1000 ppm		4(II)
		1800 mg/m <sup>3</sup>		

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No:
111-76-2	10	49	50	246	*	84
106-97-8	800	1900	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
111-76-2	25 ppm	50 ppm		Sk. BMGV	
	123 mg/m <sup>3</sup>	246 mg/m <sup>3</sup>			
106-97-8	600 ppm	750 ppm		Carc	
	1450 mg/m3	1810 mg/m3			

Version: N°2 (18/03/2022) RUBIX Engineering.

MOUSSE NETTOYANTE - DN22K - 818658

Date: 19/10/2022 Page 6/13

Revision: N°12 (17/03/2022)

## Derived no effect level (DNEL) or derived minimum effect level (DMEL):

2-BUTOXYETHANOL (CAS: 111-76-2)

Final use: Workers.

Exposure method: Dermal contact.

Potential health effects: Short term systemic effects.

DNEL: 89 mg/kg body weight/day

Exposure method: Dermal contact.

Potential health effects: Long term systemic effects.
DNEL: 75 mg/kg body weight/day

Exposure method: Inhalation.

Potential health effects: Short term systemic effects.

DNEL: 663 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Short term local effects. DNEL: 246 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Long term systemic effects.

DNEL: 98 mg of substance/m3

Final use: Consumers.

Exposure method: Ingestion.

Potential health effects: Short term systemic effects.

DNEL: 13.4 mg/kg body weight/day

Exposure method: Ingestion.

Potential health effects: Long term systemic effects.

DNEL: 3.2 g/kg body weight/day

Exposure method: Dermal contact.

Potential health effects: Short term systemic effects.

DNEL: 44.5 mg/kg body weight/day

Exposure method: Dermal contact.

Potential health effects: Long term systemic effects.

DNEL: 38 mg/kg body weight/day

Exposure method: Inhalation.

Potential health effects: Short term systemic effects. DNEL: 426 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Short term local effects. DNEL: 123 mg of substance/m3

Exposure method: Inhalation.

Potential health effects: Long term systemic effects.

DNEL: 49 mg of substance/m3

Version: N°2 (18/03/2022) RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 7/13

Revision: N°12 (17/03/2022)

### Predicted no effect concentration (PNEC):

2-BUTOXYETHANOL (CAS: 111-76-2)

Environmental compartment: Soil. PNEC: 2.8 mg/kg

Environmental compartment: Fresh water. PNEC: 8.8 mg/l

Environmental compartment: Sea water. PNEC : 0.88 mg/l

Environmental compartment: Fresh water sediment.

PNEC: 34.6 mg/kg

Environmental compartment: Marine sediment. PNEC: 3.46 mg/kg

#### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

## - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

When spraying, wear a face shield in accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

#### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- PVA (Polyvinyl alcohol)

## - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1. Information on basic physical and chemical properties

## Physical state

Physical state: Fluid liquid.

Version: N°2 (18/03/2022)

RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 8/13

Revision: N°12 (17/03/2022)

Colour

Unspecified

Odour

Odour threshold: Not stated.

**Melting point** 

Melting point/melting range: Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range: Not specified.

**Flammability** 

Flammability (solid, gas): Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%):

Not stated.

Explosive properties, upper explosivity limit (%):

Not stated.

Flash point

Flash point interval: Not relevant.

**Auto-ignition temperature** 

Self-ignition temperature: Not specified.

**Decomposition temperature** 

Decomposition point/decomposition range: Not specified.

pН

pH: 12.10 0.5.

Strongly basic.

pH (aqueous solution): Not stated.

Kinematic viscosity

Viscosity: Not stated.

Viscosity:  $v < 7 \text{ mm2/s } (40^{\circ}\text{C})$ 

**Solubility** 

Water solubility: Dilutable.
Fat solubility: Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water: Not stated.

Vapour pressure

Vapour pressure (50°C): Below 110 kPa (1.10 bar).

Density and/or relative density

Density: <1

Relative vapour density

Vapour density: Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

Aerosols

Chemical combustion heat :Not specified.Inflammation time :Not specified.Deflagration density :Not specified.Inflammation distance :Not specified.Flame height :Not specified.Flame duration :Not specified.

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## MOUSSE NETTOYANTE - DN22K - 818658

Date: 19/10/2022 Page 9/13

Revision: N°12 (17/03/2022)

#### 9.2.2. Other safety characteristics

No data available.

#### SECTION 10: STABILITY AND REACTIVITY

## 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

#### 10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid:

- heating
- heat
- accumulation of electrostatic charges.
- frost
- flames and hot surfaces

#### 10.5. Incompatible materials

Keep away from:

- strong oxidising agents
- strong acids

## 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)
- nitrogen oxide (NO)
- nitrogen dioxide (NO2)

### **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

## 11.1.1. Substances

## Acute toxicity:

SODIUM NITRITE (CAS: 7632-00-0)

Oral route : LD50 = 180 mg/kg Species : Rat

2-BUTOXYETHANOL (CAS: 111-76-2)

Oral route : LD50 = 560 mg/kg

Species: Rat (recommended by the CLP)

Dermal route : 1,000 < LD50 <= 2000 mg/kg

Species: Rabbit (recommended by the CLP)

Inhalation route (Dusts/mist): LC50 = 2.21 mg/l

Species: Rat (recommended by the CLP)

Version: N°2 (18/03/2022)

RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Duration of exposure: 4 h

#### Serious damage to eyes/eye irritation:

SODIUM NITRITE (CAS: 7632-00-0)

Causes serious eye irritation.

Corneal haze: 1 <= Average score < 2 and effects totally reversible within 21 days of observation

Species: Rabbit

OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Date: 19/10/2022 Page 10/13

Revision: N°12 (17/03/2022)

#### 11.1.2. Mixture

#### Skin corrosion/skin irritation:

Tests have proven that the mixture is neither corrosive nor irritant despite the low/high pH.

## Serious damage to eyes/eye irritation:

The risk of serious ocular lesions is based on the low/high pH and has been confirmed by tests.

#### 11.2. Information on other hazards

## Monograph(s) from the IARC (International Agency for Research on Cancer):

CAS 111-76-2: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

## **SECTION 12: ECOLOGICAL INFORMATION**

#### 12.1. Toxicity

### 12.1.1. Substances

SODIUM NITRITE (CAS: 7632-00-0)

Fish toxicity: LC50 >= 0.54 mg/l

Species : Oncorhynchus mykiss Duration of exposure : 96 h

#### **12.1.2.** Mixtures

No aquatic toxicity data available for the mixture.

## 12.2. Persistence and degradability

#### 12.2.1. Substances

SODIUM NITRITE (CAS: 7632-00-0)

Biodegradability: Rapidly degradable.

## 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

## 12.6. Endocrine disrupting properties

No data available.

## 12.7. Other adverse effects

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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

## 13.1. Waste treatment methods

Do not pour into drains or waterways.

Version: N°2 (18/03/2022)

RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 11/13

Revision: N°12 (17/03/2022)

## 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.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## **SECTION 14: TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 - ICAO/IATA 2021).

## 14.1. UN number or ID number

1950

## 14.2. UN proper shipping name

UN1950=AEROSOLS, flammable

## 14.3. Transport hazard class(es)

- Classification:



2.1

## 14.4. Packing group

-

## 14.5. Environmental hazards

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## 14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5F	-	2.1	-	1 L	190 327 344	E0	2	D
							625			

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	2	See SP63	-	See SP277	F-D. S-U	63 190 277	E0	- SW1 SW22	SG69
						327 344 381			
						959			

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	2.1	-	-	203	75 kg	203	150 kg	A145 A167	E0
								A802	
	2.1	-	-	Y203	30 kg G	_	-	A145 A167	E0
			1					A802	

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

## 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 12/13

Revision: N°12 (17/03/2022)

## **SECTION 15: Regulatory information**

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

## - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

#### - Container information:

No data available.

## - Particular provisions :

No data available.

## - Labelling for detergents (EC Regulation No. 648/2004,907/2006):

- less than 5 %: phosphates
- less than 5 %: EDTA and salts thereof
- 5 % or over but less than 15 % : aliphatic hydrocarbons

#### 15.2. Chemical safety assessment

No data available.

## **SECTION 16: OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

## Wording of the phrases mentioned in section 3:

H220	Extremely flammable gas.
H272	May intensify fire; oxidiser.
H280	Contains gas under pressure; may explode if heated.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

#### Abbreviations:

LD50: The dose of a test substance resulting in 50% lethality in a given time period. LC50: The concentration of a test substance resulting in 50% lethality in a given period.

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE: Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC: Predicted No-Effect Concentration
UFI: Unique formulation identifier.
STEL: Short-term exposure limit
TWA: Time Weighted Averages
TMP: French Occupational Illness table
TLV: Threshold Limit Value (exposure)

Version: N°2 (18/03/2022)

RUBIX Engineering.

## **MOUSSE NETTOYANTE - DN22K - 818658**

Date: 19/10/2022 Page 13/13

Revision : N°12 (17/03/2022)

AEV: Average Exposure Value.

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: Wassergefahrdungsklasse (Water Hazard Class).

GHS02 : Flame GHS05 : Corrosion

PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable. SVHC: Substances of very high concern.