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

- 1.1. Product identifier  
Mixture identification  
Trade name: SPOT
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended use:  
Detergent for hard surfaces.  
Professional use (SU22) - Products for washing and cleaning (PC35)  
Uses advised against:  
Different uses than recommended. Do not use in combination with other products.
- 1.3. Details of the supplier of the safety data sheet  
Manufacturer:  
  
SUTTER INDUSTRIES s.p.a. - Società con Unico Socio  
15060 Borghetto Borbera (AL) Italia  
Tel. +39 0143 631.1  
Competent person responsible for the safety data sheet:  
regulatory.affairs@sutter.it
- 1.4. Emergency telephone number  
+39 0143 631.1 mon-fri 9.00/17.00

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**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture  
EC regulation criteria 1272/2008 (CLP)  
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).  
Adverse physicochemical, human health and environmental effects:  
No other hazards
- 2.2. Label elements  
Hazard pictograms:  
None  
Hazard statements:  
None  
Precautionary statements:  
None  
Special Provisions:  
EUH210 Only for professional use. Safety data sheet available on request.
- Product contents:  
soap, anionic surfactants < 5 %  
The product also contains: Perfumes  
Allergens: D-LIMONENE  
Special provisions according to Annex XVII of REACH and subsequent amendments:  
None
- 2.3. Other hazards  
vPvB Substances: None - PBT Substances: None  
Other Hazards:  
No other hazards

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances


Not Applicable, the product is a mixture.

#### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:


>= 1% - < 3% 2-(2-BUTOXYETHOXY)ETHANOL

REACH No.: 01-2119475104-44, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6

 3.3/2 Eye Irrit. 2 H319


>= 1% - < 3% SODIUM P-CUMENESULFONATE


REACH No.: 01-2119489411-37, CAS: 15763-76-5, EC: 239-854-6

 3.3/2 Eye Irrit. 2 H319

>= 1% - < 2% 2-PHENOXYETHANOL


REACH No.: 01-2119488943-21, Index number: 603-098-00-9, CAS: 122-99-6, EC: 204-589-7


 3.3/2 Eye Irrit. 2 H319

 3.1/4/Oral Acute Tox. 4 H302

>= 1% - < 2% POTASSIUM COCOATE

CAS: 61789-30-8, EC: 263-049-9

 3.3/2 Eye Irrit. 2 H319

 3.2/2 Skin Irrit. 2 H315

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Until revision date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.

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

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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### **SECTION 5: Firefighting measures**

- 5.1. Extinguishing media
  - Suitable extinguishing media:
    - Water.
    - Carbon dioxide (CO<sub>2</sub>).
  - Extinguishing media which must not be used for safety reasons:
    - None in particular.
- 5.2. Special hazards arising from the substance or mixture
  - The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).
  - Do not inhale explosion and combustion gases.
  - Burning produces heavy smoke.
- 5.3. Advice for firefighters
  - Use suitable breathing apparatus .
  - Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
  - Move undamaged containers from immediate hazard area if it can be done safely.
  - The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

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### **SECTION 6: Accidental release measures**

- 6.1. Personal precautions, protective equipment and emergency procedures
  - Wear personal protection equipment.
  - Remove persons to safety.
  - See protective measures under point 7 and 8.
- 6.2. Environmental precautions
  - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
  - Retain contaminated washing water and dispose it.
  - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
  - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
  - Wash with plenty of water. To converge the product in containment tanks.
- 6.4. Reference to other sections
  - See also section 8 and 13

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### **SECTION 7: Handling and storage**

- 7.1. Precautions for safe handling
  - Avoid contact with skin and eyes, inhalation of vapours and mists.
  - Do not eat or drink while working.
  - See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
  - Store away from sunlight.
  - Store in a cool and well ventilated place.
  - Do not store in open or unlabeled containers.
  - Keep away from food, drink and feed.
  - Incompatible materials:
    - Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.
    - See section 10.
  - Instructions as regards storage premises:
    - Adequately ventilated premises.
- 7.3. Specific end use(s)
  - None in particular, see paragraph 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Until the revision date of this document, no experimental data are available for the mixture. Below, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

EU - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL(15min): 101.2 mg/m<sup>3</sup>, 15 ppm - Notes: OEL

EU - TWA(8h): 67.5 mg/m<sup>3</sup>, 10 ppm - STEL: 101.2 mg/m<sup>3</sup>, 15 ppm

ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

### DNEL Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Worker Industry: 67.5 mg/m<sup>3</sup> - Consumer: 40.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 83 mg/kg - Consumer: 50 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 101.2 mg/m<sup>3</sup> - Consumer: 60.7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Consumer: 1.25 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

SODIUM P-CUMENESULFONATE - CAS: 15763-76-5

Worker Industry: 7.6 mg/kg - Consumer: 3.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 53.6 mg/m<sup>3</sup> - Consumer: 13.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 3.8 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-PHENOXYETHANOL - CAS: 122-99-6

Consumer: 9.23 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects - Notes: bw/day

Worker Industry: 8.07 mg/m<sup>3</sup> - Consumer: 2.41 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 20.83 mg/kg - Consumer: 10.42 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

Consumer: 9.23 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: bw/day

Worker Industry: 8.07 mg/m<sup>3</sup> - Consumer: 2.41 - Exposure: Human Inhalation - Frequency: Long Term, local effects

### PNEC Exposure Limit Values

Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Target: Marine water - Value: 0.11 mg/l

Target: Marine water sediments - Value: 0.44 mg/kg

Target: Microorganisms in sewage treatments - Value: 200 mg/l

Target: Soil (agricultural) - Value: 0.32 mg/kg

Target: Food chain - Value: 56 mg/kg

Target: Fresh Water - Value: 1.1 mg/l

Target: Freshwater sediments - Value: 4.4 mg/kg

Target: Air - Value: 11 mg/l  
 SODIUM P-CUMENESULFONATE - CAS: 15763-76-5  
 Target: Fresh Water - Value: 0.23 mg/l  
 Target: Microorganisms in sewage treatments - Value: 100 mg/l  
 Target: Air - Value: 2.3 mg/l  
 2-PHENOXYETHANOL - CAS: 122-99-6  
 Target: Marine water - Value: 0.0943 mg/l  
 Target: Microorganisms in sewage treatments - Value: 24.8 mg/l  
 Target: Marine water sediments - Value: 0.7237 mg/l  
 Target: Soil (agricultural) - Value: 1.26 mg/kg  
 Target: Freshwater sediments - Value: 7.2366 mg/l  
 Target: Fresh Water - Value: 0.943 mg/l  
 Target: Air - Value: 3.44 mg/l

## 8.2. Exposure controls

### Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

### Protection for skin:

No special precaution must be adopted for normal use.

### Protection for hands:

Not needed for normal use.

### Respiratory protection:

Not needed for normal use.

### Thermal Hazards:

The product is not flammable or explosive - see paragraph 2.1. The product contains no explosive components.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### Environmental exposure controls:

The product is not dangerous for the environment - see section 2.1.

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.

See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Appearance and colour:	Clear liquid, colorless/yellow	Visual	--
Odour:	Citrus	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	< 11,4	Instrumental control	--
Melting point / freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Initial boiling point and boiling range:	>= 100 °C	--	Estimated value on chemical / physical properties of components
Flash point:	> 65 °C	--	Estimated value on chemical / physical properties of

			components
Evaporation rate:	Not Relevant	--	Parameter not relevant for the type of product
Solid/gas flammability:	Not Relevant	--	Parameter not relevant for the type of product
Upper/lower flammability or explosive limits:	Not Relevant	--	Parameter not relevant for the type of product
Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Vapour density:	Not Relevant	--	Parameter not relevant for the type of product
Relative density:	1.010 g/ml	Instrumental control	--
Solubility in water:	Total	--	Internal tests
Solubility in oil:	Partial	--	Internal tests
Partition coefficient (n-octanol/water):	< 1000	--	Value estimated based on the solubility of the mixture.
Auto-ignition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Viscosity:	< 10 cP	--	Estimated indicative value. Not viscous mixture.
Explosive properties:	Not Relevant	--	Parameter not relevant for product composition.
Oxidizing properties:	Not Relevant	--	Parameter not relevant for product composition.

#### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant	--	Parameter not relevant for the type of product
Fat Solubility:	Not Relevant	--	Parameter not relevant for the type of product
Conductivity:	Not Relevant	--	Parameter not relevant for the type of product
Substance Groups relevant properties	Not Relevant	--	Parameter not relevant for the type of product

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### 10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

### 10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

See also section 7.2.

### 10.4. Conditions to avoid

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Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2

#### 10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

#### 10.6. Hazardous decomposition products

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the product:

SPOT

#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

#### b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

#### c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

#### d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

#### e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

#### f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

#### g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

#### h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

#### i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

#### j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

#### a) acute toxicity:

Test: LD50 - Route: Oral - Species: Mouse = 2410 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 2764 mg/kg

Test: LC50 - Route: Inhalation Vapour - Species: Rat > 29 ppm - Duration: 2h

#### b) skin corrosion/irritation:

Test: Skin Irritant No - Source: OECD 404



- c) serious eye damage/irritation:  
Test: Eye Irritant Yes - Source: OECD 405
  - d) respiratory or skin sensitisation:  
Test: Skin or Resp. Sensitization Negative
  - e) germ cell mutagenicity:  
Test: Mutagenesis Negative
  - f) carcinogenicity:  
Test: Carcinogenicity Negative
  - g) reproductive toxicity:  
Test: Reproductive Toxicity Negative
- SODIUM P-CUMENESULFONATE - CAS: 15763-76-5
- a) acute toxicity:  
Test: LC50 - Route: Oral - Species: Rat > 7000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat > 6.41 mg/l - Duration: 4h
  - b) skin corrosion/irritation:  
Test: Skin Irritant Negative
  - c) serious eye damage/irritation:  
Test: Eye Irritant Positive
  - d) respiratory or skin sensitisation:  
Test: Skin Sensitization Negative
  - e) germ cell mutagenicity:  
Test: Mutagenesis Negative
  - f) carcinogenicity:  
Test: NOAEL = 240 mg/kg bw/d
  - i) STOT-repeated exposure:  
Test: NOAEL - Route: Oral > 763 mg/kg bw/d  
Test: NOAEL - Route: Skin > 440 mg/kg bw/d
- 2-PHENOXYETHANOL - CAS: 122-99-6
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg - Source: OECD 401  
Test: LC50 - Route: Inhalation - Species: Rat > 1 mg/l - Source: OECD 412 - Notes: 6 h/d (5 d/week; 14 days); no mortalities  
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
  - b) skin corrosion/irritation:  
Test: Skin Irritant - Route: Skin No
  - c) serious eye damage/irritation:  
Test: Eye Irritant Yes
  - d) respiratory or skin sensitisation:  
Test: NOAEL - Route: Oral - Species: Rat = 700 mg/kg - Duration: 90gg - Source: OECD 408  
Test: NOAEC - Route: Skin - Species: Rat = 500 mg/kg - Duration: 24h - Source: OECD 411  
Test: NOAEC - Route: Inhalation - Species: Rat = 48.2 mg/l - Source: OECD 412 - Notes: 6 h/d (5 d/week; 14 days)
  - e) germ cell mutagenicity:  
Test: Mutagenesis Negative
  - g) reproductive toxicity:  
Test: Reproductive Toxicity Negative
- 2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5
- LD50 (RAT) ORAL: 6560 MG/KG  
LD50 (RABBIT) SKIN: 4120 MG/KG
- 2-PHENOXYETHANOL - CAS: 122-99-6  
LD50 (RABBIT) SKIN: 5000 MG/KG



## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

#### SPOT

Not classified for environmental hazards  
Based on available data, the classification criteria are not met

#### 2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1300 mg/l - Duration h: 96 - Notes: Lepomis macrochirus  
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: Daphnia magna  
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus  
Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: > 1995 mg/l - Duration h: 0.5

#### SODIUM P-CUMENESULFONATE - CAS: 15763-76-5

##### a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss  
Endpoint: EC50 - Species: Algae > 230 mg/l - Duration h: 96 - Notes: Selenastrum capricornutum  
Endpoint: EC50 - Species: Daphnia = 1000 mg/l - Duration h: 48 - Notes: Daphnia Magna

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae = 31 mg/l - Duration h: 96

##### c) Bacteria toxicity:

Endpoint: NOEC - Species: Microorganisms / Effect on activated sludge: = 1000 mg/l - Duration h: 3

#### 2-PHENOXYETHANOL - CAS: 122-99-6

##### a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: Daphnia magna  
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus  
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Leuciscus idus

##### b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 1 mg/l - Duration h: 816 - Notes: pimephales promelas  
Endpoint: NOEC - Species: Daphnia > 1 mg/l - Duration h: 504 - Notes: Daphnia magna  
Endpoint: NOEC - Species: Algae > 500 mg/l - Duration h: 72 - Notes: Scenedesmus subspicatus

##### c) Bacteria toxicity:

Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: > 100 mg/l - Duration h: 17 - Notes: pseudomonas putida

### 12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture.

Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Biodegradability: Readily biodegradable - Test: OECD 301C - Duration: 28 days - %: 80-90

SODIUM P-CUMENESULFONATE - CAS: 15763-76-5

Biodegradability: Readily biodegradable

2-PHENOXYETHANOL - CAS: 122-99-6

Biodegradability: Readily biodegradable - Test: OECD 301A - Duration: 15 day - %: 90-100

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

2-(2-BUTOXYETHOXY)ETHANOL - CAS: 112-34-5

Bioaccumulation: Not bioaccumulative - Test: Kow - Partition coefficient 0.56

2-PHENOXYETHANOL - CAS: 122-99-6

Bioaccumulation: Slightly bioaccumulative - Test: Log Pow - Partition coefficient 1.2 - Notes: at 23 °C (pH 7)

12.4. Mobility in soil

Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

2-PHENOXYETHANOL - CAS: 122-99-6

Mobility in soil: Mobile

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

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## **SECTION 13: Disposal considerations**

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.

See also section 6.

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## **SECTION 14: Transport information**

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

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- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No
- 14.6. Special precautions for user  
Not applicable
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
Not applicable

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#### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013  
Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:  
None

Where applicable, refer to the following regulatory provisions :

- Directive 2012/18/EU (Seveso III)
- Regulation (EC) nr 648/2004 (detergents).
- Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):  
Seveso III category according to Annex 1, part 1  
None

- 15.2. Chemical safety assessment  
No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

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#### SECTION 16: Other information

Full text of phrases referred to in Section 3:  
H319 Causes serious eye irritation.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.

Hazard class and hazard category	Code	Description
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2

This document was prepared by a competent person who has received appropriate training.  
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EC0/10/20/50/100:	Effective concentration, for 0/10/20/50/100 percent of test population.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC0/10/20/50/100:	Lethal concentration, for 0/10/20/50/100 percent of test population.
LD0/10/20/50/100:	Lethal dose, for 0/10/20/50/100 percent of test population.
NOEC:	No Observed Effect Concentration
NOAEL(R)/N	No Observed Adverse Effect Level(Repeated)/Concentration
OAEC:	
OECD:	Organisation for Economic Co-operation and Development
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

**Safety Data Sheet**  
**SPOT**



ANNEX I  
PROFESSIONAL TRIGGER PRODUCT – DETERGENT FOR HARD SURFACES

<b>Title of exposure scenario</b>	
Detergent for general cleaning: Manual process.	
<b>Use description</b>	
Sector Use	SU22 – Professional use
Product Category	PC35 – Cleaning and washing product (including solvent based products)
<b>Description of activities/process considered on exposure scenario.</b>	
If required, transfer product from canister to trigger bottle.	
Use following the use instruction as specified on the label.	
Leave on.	
Rinse, if necessary.	
<b>Frequency and duration</b>	
Use phase	Daily, depending on room size and room dirty conditions.
Relevant limit values of ingredients, if available, are stated in section 8 of the SDS.	
<b>Physical appearance and concentration</b>	
Liquid. To dilute or ready to use.	
In section 2 of the SDS of product and on the label the classification of mixture is provided.	
Mixture classification is based on ingredients classification and on chemical/physical properties stated in section 9 of the SDS of product.	
<b>Use conditions</b>	
Room temperature	
Good general ventilation at workplace is sufficient.	
<b>Protection</b>	
Avoid spray inhalation.	
See section 8 of the SDS of product to more information on PPE.	Training of worker to use and maintenance of PPE is supposed.
Don't eat or drink, don't smoke.	Avoid contact with damaged skin.
No open flame.	Do not use in combination with other products
Wash hand after use.	
In case of accidental release: dilute with water and dry.	
See section 6 of the SDS in case of accidental release	
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section 7 on the SDS.	
<b>Misure ambientali</b>	
See section 6 of the SDS in case of accidental release	
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.	
See section 13 of the SDS for disposal considerations.	

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment