

# Safety Data Sheet

## SVITOL BIKE TYRES INFLATION AND REPAIR



Safety Data Sheet dated 8/2/2023, version 10

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

#### 1.1. Product identifier

Mixture identification:

Trade name: SVITOL BIKE TYRES INFLATION AND REPAIR

Trade code: 4477

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

Recommended use:

Product to repair and inflate any kind of tyre

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

Supplier:

Arexons S.p.A.

via Antica di Cassano, 23, 20063

Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

#### 1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

In Malta: emergency number 112

### SECTION 2: Hazards identification

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

EC regulation criteria 1272/2008 (CLP):

⚠ Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

#### 2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222, H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H319 Causes serious eye irritation.

Precautionary statements:

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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.

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P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

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

$\geq 40\%$  -  $< 50\%$  propane

REACH No.: 01-2119486944-21, Index number: 601-003-00-5, CAS: 74-98-6, EC: 200-827-9

⚠ 2.2/1A Flam. Gas 1A H220

⚠ 2.5/C Press Gas (Comp.) H280

$\geq 12.5\%$  -  $< 15\%$  butane

REACH No.: 01-2119474691-32, Index number: 601-004-00-0, CAS: 106-97-8, EC: 203-448-7

⚠ 2.5/C Press Gas (Comp.) H280

⚠ 2.2/1A Flam. Gas 1A H220

$\geq 7\%$  -  $< 10\%$  and isobutane

REACH No.: 01-2119485395-27, Index number: 601-004-00-0, CAS: 75-28-5, EC: 200-857-2

⚠ 2.2/1A Flam. Gas 1A H220

⚠ 2.5/C Press Gas (Comp.) H280

$\geq 3\%$  -  $< 5\%$  ethanediol

REACH No.: 01-2119456816-28, Index number: 603-027-00-1, CAS: 107-21-1, EC: 203-473-3

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.9/2 STOT RE 2 H373

$\geq 0.5\%$  -  $< 1\%$  Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

REACH No.: 01-2119490061-47, CAS: 308062-28-4, EC: 931-292-6

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.3/1 Eye Dam. 1 H318

⚠ 4.1/A1 Aquatic Acute 1 H400

⚠ 4.1/C2 Aquatic Chronic 2 H411

$\geq 0.5\%$  -  $< 1\%$  2-aminoethanol; ethanolamine

REACH No.: 01-2119486455-28, Index number: 603-030-00-8, CAS: 141-43-5, EC: 205-483-3

⚠ 3.1/4/Oral Acute Tox. 4 H302

⚠ 3.8/3 STOT SE 3 H335

⚠ 3.1/4/Dermal Acute Tox. 4 H312

⚠ 3.2/1B Skin Corr. 1B H314

⚠ 3.1/4/Inhal Acute Tox. 4 H332

Specific Concentration Limits:

C  $\geq 5\%$ : STOT SE 3 H335



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#### **SECTION 4: First aid measures**

##### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

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

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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

##### 5.1. Extinguishing media

Appropriate Extinguishing Media:

To carbon dioxide.

To dust.

Not Recommended Extinguishing Media:

Do not use direct water jets.

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

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.

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

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

Wear personal protection equipment.

Remove all sources of ignition.

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.

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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.

#### 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.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

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

Store in well-closed containers, preferably in a cool place, away from sources of heat and direct sunlight.

Only store in the original container.

Avoid exposure to direct sunlight.

Store at temperatures below 50°C/122°F.

Store at below 50 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

### 7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

propane - CAS: 74-98-6

ACGIH - Notes: (D, EX) - Asphyxia

20101.14 - TWA: 1800 mg/m<sup>3</sup>, 1000 ppm

butane - CAS: 106-97-8

20101.13 - TWA: 1900 mg/m<sup>3</sup>, 800 ppm - Notes: (EX) - CNS impair

MAK - TWA: 2400 mg/m<sup>3</sup>, 1000 ppm

TLV TWA - 1000 ppm - 0 mg/m<sup>3</sup>

VLE short - 1000 ppm

and isobutane - CAS: 75-28-5

TLV TWA - 1000 ppm - 0 mg/m<sup>3</sup>

VLE short - 1000 ppm

ethanediol - CAS: 107-21-1

20101.13 - TWA(8h): 52 mg/m<sup>3</sup>, 20 ppm - STEL(): 104 mg/m<sup>3</sup>, 40 ppm

EU - TWA(8h): 52 mg/m<sup>3</sup>, 20 ppm - STEL: 104 mg/m<sup>3</sup>, 40 ppm - Notes: Skin

ACGIH - TWA(8h): 25 ppm - STEL: 50 ppm - Notes: (V), A4 - URT irr

ACGIH - STEL: 10 mg/m<sup>3</sup> - Notes: (I, H), A4 - URT irr

2-aminoethanol; ethanolamine - CAS: 141-43-5

20101.11 - TWA: 7.6 mg/m<sup>3</sup>, 3 ppm

EU - TWA(8h): 2.5 mg/m<sup>3</sup>, 1 ppm - STEL: 7.6 mg/m<sup>3</sup>, 3 ppm - Notes: Skin

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ACGIH - TWA(8h): 3 ppm - STEL: 6 ppm - Notes: Eye and skin irr

#### DNEL Exposure Limit Values

ethanediol - CAS: 107-21-1

Worker Professional: 35 mg/m<sup>3</sup> - Consumer: 7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 106 mg/kg - Consumer: 53 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

2-aminoethanol; ethanolamine - CAS: 141-43-5

Consumer: 2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Consumer: 0.24 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 3.75 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects  
Worker Professional: 3.3 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 1 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

#### PNEC Exposure Limit Values

ethanediol - CAS: 107-21-1

Target: Fresh Water - Value: 10 mg/l

Target: Marine water - Value: 1 mg/l

Target: Freshwater sediments - Value: 37 mg/kg

Target: Marine water sediments - Value: 3.7 mg/kg

Target: 09 - Value: 199.5 mg/l

2-aminoethanol; ethanolamine - CAS: 141-43-5

Target: Fresh Water - Value: 0.08 mg/l

Target: Marine water - Value: 0.008 mg/l

Target: Freshwater sediments - Value: 0.42 mg/kg

Target: Marine water sediments - Value: 0.042 mg/kg

Target: 09 - Value: 100 mg/l

#### 8.2. Exposure controls

##### Eye protection:

Safety goggles.

Compliant with EN 166

##### Protection for skin:

protective clothing

##### Protection for hands:

Neoprene.

Compliant with EN 374.

##### Respiratory protection:

Not required under normal conditions of use.

##### Thermal Hazards:

None

##### Environmental exposure controls:

None

##### Appropriate engineering controls:

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## SECTION 9: Physical and chemical properties

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

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Properties	Value	Method:	Notes:
Physical state:	Liquid Gas	--	--
Colour:	White	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	<-100°C (propellant)	--	--
Boiling point or initial boiling point and boiling range:	> -42°C (propellant)	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	LEL 1.8% (vol); UEL 9.5% (vol)	--	--
Flash point:	<-80°C (propellant)	--	--
Auto-ignition temperature:	>400°C	--	--
Decomposition temperature:	N.A.	--	--
pH:	10.5	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	completa	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	5,5 bar	--	--
Density and/or relative density:	0,64-0,69 g/ ml	--	--
Relative vapour density:	> 2 (propellant)	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information  
 No other relevant information

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### SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
None
- 10.4. Conditions to avoid  
Excessive heat.  
Flames and other sources of ignition.  
Strong bases and acids.
- 10.5. Incompatible materials  
Strong oxidising agents, strong reducing agents.
  
- 10.6. Hazardous decomposition products

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### SECTION 11: Toxicological information

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

Toxicological information of the product:

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a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

Test: oecd 10 - Route: Oral 102250.1 mg/kg - Notes: Il prodotto, se portato a contatto con la pelle, provoca notevole infiammazione

Test: oecd 10 - Route: Skin 243227.3 mg/kg

Test: oecd 10 - Route: Inhalation 364.8 mg/l - Duration: 4h

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

Test: Eye Irritant - Route: EYE Positive

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



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Based on available data, the classification criteria are not met  
Toxicological information of the main substances found in the product:  
propane - CAS: 74-98-6  
a) acute toxicity  
ATE - Inhalation (Vapours) 658 mg/l  
Test: LC50 - Route: Inhalation - Species: Rat 658 PpmV - Duration: 4h  
ethanediol - CAS: 107-21-1  
a) acute toxicity:  
Test: LD50 - Route: Skin - Species: Rat 3500 mg/kg  
Test: LD50 - Route: Oral - Species: Rat 7712 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat 5 Ppm - Duration: 4h  
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4  
a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 1064 mg/kg  
Test: LD50 - Route: Skin - Species: Rat 2100 mg/kg  
2-aminoethanol; ethanolamine - CAS: 141-43-5  
a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 700 mg/kg  
Test: LD50 - Route: Skin - Species: Rat = 100 mg/kg

11.2. Information on other hazards  
Endocrine disrupting properties:  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$

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## SECTION 12: Ecological information

12.1. Toxicity  
Adopt good working practices, so that the product is not released into the environment.  
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - CAS: 308062-28-4  
a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 2.67 mg/l  
Endpoint: EC50 - Species: Daphnia = 3.1 mg/l  
Endpoint: EC50 - Species: Algae = 0.266 mg/l  
2-aminoethanol; ethanolamine - CAS: 141-43-5  
a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 349 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia = 65 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae = 2.5 mg/l - Duration h: 72

12.2. Persistence and degradability  
None  
N.A.

12.3. Bioaccumulative potential  
N.A.

12.4. Mobility in soil  
N.A.

12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$

12.7. Other adverse effects  
None

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## SECTION 13: Disposal considerations

13.1. Waste treatment methods  
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.



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### Additional disposal information:

Reuse if possible. Act in accordance with the local and national laws in force.

Dispose of waste at suitable centres for the processing or disposal of waste in compliance with the laws and regulations in force and the characteristics of the product at the time of disposal.

Contaminated packaging must be emptied as far as possible. After cleaning, send to an authorised centre for recycling or disposal.

## SECTION 14: Transport information



- 14.1. UN number or ID number  
ADR-UN Number: 1950  
IATA-UN Number: 1950  
IMDG-UN Number: 1950
- 14.2. UN proper shipping name  
ADR-Shipping Name: AEROSOLS, flammable  
IATA-Shipping Name: AEROSOLS, flammable  
IMDG-Shipping Name: AEROSOLS, flammable
- 14.3. Transport hazard class(es)  
ADR-Class: 2  
ADR - Hazard identification number: -  
IATA-Class: 2  
IATA-Label: 2.1  
IMDG-Class: 2  
Sea (IMO): 2
- 14.4. Packing group  
ADR-Packing Group: -  
IATA-Packing group: -  
IMDG-Packing group: -
- 14.5. Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No  
IMDG-EmS: F-D,  
S-U
- 14.6. Special precautions for user  
ADR-Subsidiary hazards: See SP63  
ADR-S.P.: 190 327 344 625  
ADR-Transport category (Tunnel restriction code): 2 (D)  
IATA-Passenger Aircraft: 203  
IATA-Subsidiary hazards: See SP63  
IATA-Cargo Aircraft: 203  
IATA-S.P.: A145 A167 A802  
IATA-ERG: 10L  
IMDG-Subsidiary hazards: See SP63  
IMDG-Stowage and handling: SW1 SW22  
IMDG-Segregation: SG69
- 14.7. Maritime transport in bulk according to IMO instruments  
N.A.  
Limited Quantity: 1 L  
Exempted Quantity: E0

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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) n. 2020/878  
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)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)  
Regulation (EU) n. 2018/669 (ATP 11 CLP)  
Regulation (EU) n. 2018/1480 (ATP 13 CLP)  
Regulation (EU) n. 2019/521 (ATP 12 CLP)  
Regulation (EU) n. 2020/217 (ATP 14 CLP)  
Regulation (EU) n. 2020/1182 (ATP 15 CLP)  
Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 40

Restrictions related to the substances contained:

Restriction 75

Volatile Organic compounds - VOCs = 79.80 %

Volatile Organic compounds - VOCs = 798.00 g/Kg

Volatile Organic compounds - VOCs = 534.66 g/l

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

Product belongs to category: P3a

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

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### SECTION 16: Other information

Text of phrases referred to under heading 3:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

H315 Causes skin irritation.

H318 Causes serious eye damage.

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H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H335 May cause respiratory irritation.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H332 Harmful if inhaled.

Hazard class and hazard category	Code	Description
Flam. Gas 1A	2.2/1A	Flammable gas, Category 1A
Aerosols 1	2.3/1	Aerosol, Category 1
Press Gas (Comp.)	2.5/C	Gases under pressure (Compressed gas)
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

Paragraphs modified from the previous revision:

### SECTION 8: Exposure controls/personal protection

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222, H229	On basis of test data
Eye Irrit. 2, H319	Calculation method

This document was prepared by a competent person who has received appropriate training.

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#### 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.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
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.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NA:	Not applicable
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.