

**SAFETY DATA SHEET**  
**According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH**

SMALTO BIANCO  
cod.57105002  
Revision: 2 / EN

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

- 1.1. Product identifier  
Mixture identification:  
Trade name: SMALTO BIANCO  
Trade code: 57105002  
UFI: W470-X0RD-300A-J0UG
- 1.2. Relevant identified uses of the substance or mixture and uses advised against  
WHITE ENAMEL FOR TOUCH-UP
- 1.3. Details of the supplier of the safety data sheet  
Company:  
SARATOGA INT. SFORZA SpA  
VIALE EDISON, 76 - 20090 TREZZANO S/N (MI)  
TEL. +39-02445731 FAX +39-02 4452742  
Competent person responsible for the safety data sheet:  
trading@saratogasforza.com
- 1.4. Emergency telephone number  
CAV - Ospedale Pediatrico "Bambino Gesù" - Roma - Tel. +39 06 68593726 (h24)  
CAV - Azienda Ospedaliero-Universitaria Foggia - Foggia - Tel. +39 0881 732326 (h24)  
CAV - Azienda Ospedaliera "A. Cardarelli" - Napoli - Tel. +39 081 7472870 (h24)  
CAV - Policlinico "Umberto I" - Roma - Tel. +39 06 4450618 (h24)  
CAV - Policlinico "A. Gemelli" - Roma - Tel. +39 06 3054343 (h24)  
CAV - Azienda Ospedaliera "Careggi" U.O. Tossicologia Medica - Firenze - Tel. +39 055 7947819 (h24)  
CAV - Centro Nazionale di Informazione Tossicologica - Pavia - Tel. +39 0382 24444 (h24)  
CAV - Ospedale "Niguarda Ca' Granda" - Milano - Tel. +39 02 66101029 (h24)  
CAV - Azienda Ospedaliera "Papa Giovanni XXIII" - Bergamo - Tel. +39 800 883300 (h24)  
CAV - Azienda Ospedaliera Integrata Verona - Verona - Tel. +39 800 011858 (h24)

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**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture  
EC regulation criteria 1272/2008 (CLP)



Danger, Flam. Liq. 2, Highly flammable liquid and vapour.



Warning, STOT SE 3, May cause drowsiness or dizziness.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

- EUH066 Repeated exposure may cause skin dryness or cracking.  
Adverse physicochemical, human health and environmental effects:  
No other hazards
- 2.2. Label elements

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Hazard pictograms:



Danger

Hazard statements:

- H225 Highly\* flammable liquid and vapour.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and protect eyes and face.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER / doctor if you feel unwell.
- P403+P233 Keep container tightly closed.
- P403+P235 Store in a well-ventilated place.
- P501 Dispose of the contents and the container in authorized collection centers.

The hazard and precautionary statements are not all present on the packaging, being the content of 45 g.

Special Provisions:

- EUH066 Repeated exposure may cause skin dryness or cracking.
- PACK2 The packing must have tactile indications of danger for blind people.

Contains

- n-butyl acetate
- 2-methoxy-1-methylethyl acetate
- Hydrocarbons, C9, aromatics
- ethyl acetate

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:

- No other hazards

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### SECTION 3: Composition/information on ingredients

3.2. Mixtures














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





Qty	Name	Ident. Number	Classification
>= 15% - < 20%	n-butyl acetate	Index 607-025-00 number: -1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-2119485 493-29	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336 EUH066
>= 10% - < 12.5%	2-methoxy-1-methyl ethyl acetate	Index 607-195-00 number: -7 CAS: 108-65-6 EC: 203-603-9 REACH No.: 01-2119475 791-29	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336
>= 3% - < 5%	Hydrocarbons, C9, aromatics	EC: 918-668-5 REACH No.: 01-2119455 851-35	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336  3.10/1 Asp. Tox. 1 H304  3.8/3 STOT SE 3 H335  4.1/C2 Aquatic Chronic 2 H411 EUH066 Specific Concentration Limits: C >= 10%: Asp. Tox. 1 H304 C >= 20%: STOT SE 3 H335
>= 3% - < 5%	ethyl acetate	Index 607-022-00 number: -5 CAS: 141-78-6 EC: 205-500-4 REACH No.: 01-2119475 103-46	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066
>= 1% - < 2.5%	Distillates (petroleum), hydro- treated light; Kerosine - unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It	EC: 926-141-6 REACH No.: 01-2119456 620-43	 3.10/1 Asp. Tox. 1 H304 Specific Concentration Limits: C >= 10%: Asp. Tox. 1 H304

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	consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 oC to 290 oC (302 oF to 554 oF).]		
>= 1% - < 2.5%	2,6-dimethylheptan-4-one; di-isobutyl ketone	Index 606-005-00 number: -X CAS: 108-83-8 EC: 203-620-1	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H335 Specific Concentration Limits: C >= 10%: STOT SE 3 H335
>= 0.5% - < 1%	cyclohexanone	Index 606-010-00 number: -7 CAS: 108-94-1 EC: 203-631-1 REACH No.: 01-2119453 616-35	 2.6/3 Flam. Liq. 3 H226  3.1/4/Inhal Acute Tox. 4 H332

#### 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

None

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

Treatment:

None

#### SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire: Use ... to extinguish.

Extinguishing media which must not be used for safety reasons:

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- None in particular.
- 5.2. Special hazards arising from the substance or mixture  
Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.  
Hazardous combustion products:
- 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  
For non emergency personnel:  
Wear personal protection equipment.  
Remove all sources of ignition.  
Remove persons to safety.  
See protective measures under point 7 and 8.  
For emergency responders:  
Wear personal protection equipment.
- 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.
- 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  
Always keep in a well ventilated place.  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.  
Avoid accumulating electrostatic charge.  
Keep away from food, drink and feed.  
Incompatible materials:

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None in particular.  
Instructions as regards storage premises:  
Cool and adequately ventilated.  
Safety electric system.  
Packaging materials:

- 7.3. Specific end use(s)  
None in particular

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**SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

n-butyl acetate - CAS: 123-86-4

- OEL Type: ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

- OEL Type: EU - TWA(8h): 241 mg/m3, 50 ppm - STEL: 723 mg/m3, 150 ppm

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

- OEL Type: EPY\_OEL - TWA: 275 mg/m3, 50 ppm - STEL: 550 mg/m3, 100 ppm

- OEL Type: EU - TWA(8h): 275 mg/m3, 50 ppm - STEL: 550 mg/m3, 100 ppm - Notes: Skin

ethyl acetate - CAS: 141-78-6

- OEL Type: EU - TWA(8h): 734 mg/m3, 200 ppm - STEL: 1468 mg/m3, 400 ppm

- OEL Type: ACGIH - TWA(8h): 400 ppm - Notes: URT and eye irr

- OEL Type: EPY\_TLV-ACGIH - TWA: 1441 mg/m3, 400 ppm

- OEL Type: EPY\_TLV - TWA: 200 mg/m3 - STEL: 300 mg/m3

2,6-dimethylheptan-4-one; di-isobutyl ketone - CAS: 108-83-8

- OEL Type: EPY\_TLV-ACGIH - TWA: 145 mg/m3, 25 ppm

- OEL Type: EPY\_TLV - TWA: 145 mg/m3

- OEL Type: ACGIH - TWA(8h): 25 ppm - Notes: URT and eye irr

cyclohexanone - CAS: 108-94-1

- OEL Type: EU - TWA(8h): 40.8 mg/m3, 10 ppm - STEL: 81.6 mg/m3, 20 ppm - Notes: Skin

- OEL Type: ACGIH - TWA(8h): 20 ppm - STEL: 50 ppm - Notes: Skin, A3, BEI - Eye and URT irr

DNEL Exposure Limit Values

n-butyl acetate - CAS: 123-86-4

Worker Professional: 960 04 - Consumer: 859.7 04 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 960 04 - Consumer: 859.7 04 - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 480 04 - Consumer: 102.34 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 480 04 - Consumer: 102.34 04 - Exposure: Human Inhalation - Frequency: Long Term, local effects

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Professional: 153.5 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 275 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

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Consumer: 54.8 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Consumer: 33 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 1.67 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Hydrocarbons, C9, aromatics  
Worker Professional: 25 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 150 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 11 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 32 04 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 11 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
ethyl acetate - CAS: 141-78-6  
Worker Professional: 1468 04 - Exposure: Human Inhalation - Frequency: Short Term, local effects  
Consumer: 4.5 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects  
Consumer: 367 04 - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Worker Professional: 63 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
Worker Professional: 734 04 - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Consumer: 734 04 - Exposure: Human Inhalation - Frequency: Short Term, local effects  
Consumer: 37 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
cyclohexanone - CAS: 108-94-1  
Worker Professional: 20 04 - Exposure: Human Inhalation - Frequency: Long Term, local effects  
Worker Professional: 20 03 - Exposure: Human Dermal - Frequency: Long Term, systemic effects  
PNEC Exposure Limit Values  
n-butyl acetate - CAS: 123-86-4  
Target: Marine water - Value: 18 mg/l  
Target: Fresh Water - Value: 18 mg/l  
Target: Marine water sediments - Value: 981 mg/kg  
Target: Freshwater sediments - Value: 981 mg/kg  
Target: 10 - Value: 36 mg/l  
Target: Microorganisms in sewage treatments - Value: 356 mg/l  
Target: 09 - Value: 903 mg/kg  
2-methoxy-1-methylethyl acetate - CAS: 108-65-6  
Target: Fresh Water - Value: 0.635 mg/l  
Target: Marine water - Value: 0.0635 mg/l  
Target: 09 - Value: 0.29 mg/kg  
Target: Freshwater sediments - Value: 3.29 mg/kg

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Target: Marine water sediments - Value: 0.329 mg/kg  
Target: Microorganisms in sewage treatments - Value: 100 mg/l  
ethyl acetate - CAS: 141-78-6  
Target: Fresh Water - Value: 0.26 mg/l  
Target: Marine water - Value: 0.026 mg/l  
Target: Microorganisms in sewage treatments - Value: 650 mg/l  
Target: Freshwater sediments - Value: 1.25 mg/kg  
Target: Marine water sediments - Value: 0.125 mg/kg  
Target: 09 - Value: 0.24 mg/kg  
Target: 10 - Value: 1.65 mg/l  
Target: EPY\_CAT-ALIM - Value: 0.2 03  
cyclohexanone - CAS: 108-94-1  
Target: Fresh Water - Value: 0.0329 mg/l  
Target: Marine water - Value: 0.0329 mg/l  
Target: Freshwater sediments - Value: 0.0951 mg/kg  
Target: 09 - Value: 0.0143 mg/kg

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:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

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**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	White	--	--
Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	+80°C	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N.A.	--	--



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Flash point:	+5°C ° C	--	--
Auto-ignition temperature:	>+330°C	--	--
Decomposition temperature:	N.A.	--	The mixture is not self-reactive
pH:	Not Relevant	--	--
Kinematic viscosity:	> 20,5 mm <sup>2</sup> /sec (+40 °C)	--	--
Solubility in water:		--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	The product is a mixture
Vapour pressure:	N.A.	--	--
Density and/or relative density:	ca 1.2 g/ml	--	--
Relative vapour density:	N.A.	--	--

Particle characteristics:

Particle size:	N.A.	--	The product is not a solid
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9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	no	--	--
Miscibility:	immiscibile in acqua	--	--
Viscosity:	>20.5 mm <sup>2</sup> /s a +40°C	--	--
Oxidizing properties:	no	--	--

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

It may generate dangerous reactions (See subsections below)

### 10.2. Chemical stability

It may generate dangerous reactions (See subsections below)

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Avoid accumulating electrostatic charge.

### 10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

### 10.6. Hazardous decomposition products

None.

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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

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

The product is classified: STOT SE 3 H336

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:

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) acute toxicity:

Test: LD50 - Route: EPY\_DERMAL EPY\_> 5000 - Notes: Rat

Test: LD50 - Route: EPY\_ORAL 8530 - Notes: Rat

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.

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- The product is classified: Aquatic Chronic 3 - H412
- 12.2. Persistence and degradability  
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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**SECTION 14: Transport information**



- 14.1. UN number or ID number
  - ADR-UN Number: 1263
  - ADR/RID/ADN-UN Number: 1263
  - ADR/RID-UN Number: 1263
  - ADR/ADN-UN Number: 1263
  - IATA-UN Number: 1263
  - IMDG-UN Number: 1263
- 14.2. UN proper shipping name
  - ADR-Shipping Name: 1263.1263.1263.1263.1263.1263-II
  - ADR/RID-Shipping Name: 1263.1263.1263.1263.1263.1263-II
  - ADR/ADN-Shipping Name: 1263.1263.1263.1263.1263.1263-II
  - ADR/RID/ADN-Shipping Name: 1263.1263.1263.1263.1263.1263-II
  - IATA-Shipping Name: 1263.1263.1263.1263.1263.1263-II
  - IMDG-Shipping Name: 1263.1263.1263.1263.1263.1263-II
- 14.3. Transport hazard class(es)
  - ADR-Class: 3
  - ADR/RID-Class: 3
  - ADR/ADN-Class: 3
  - ADR/RID/ADN-Class: 3
  - ADR - Hazard identification number: 33
  - IATA-Class: 3

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- IATA-Label: 3
- IMDG-Class: 3
- 14.4. Packing group
  - ADR-Packing Group: II
  - ADR/RID-Packing Group: II
  - ADR/ADN-Packing Group: II
  - ADR/RID/ADN-Packing Group: II
  - IATA-Packing group: II
  - IMDG-Packing group: II
- 14.5. Environmental hazards
  - ADR-Environmental Pollutant: No
  - IMDG-Marine pollutant: No
  - IMDG-EmS: F-E , S-E
- 14.6. Special precautions for user
  - ADR-Subsidiary hazards: -
  - ADR-S.P.: 163 367 640C 650
  - ADR-Transport category (Tunnel restriction code): 2 (D/E)
  - IATA-Passenger Aircraft: 353
  - IATA-Subsidiary hazards: -
  - IATA-Cargo Aircraft: 364
  - IATA-S.P.: A3 A72 A192
  - IATA-ERG: 3L
  - IMDG-Subsidiary hazards: -
  - IMDG-Stowage and handling: Category B
  - IMDG-Segregation: -
- 14.7. Maritime transport in bulk according to IMO instruments  
N.A.

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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)

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SMALTO BIANCO  
cod.57105002  
Revision: 2 / EN  
review: 27/01/2025

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Regulation (EU) n. 2020/1182 (ATP 15 CLP)  
Regulation (EU) n. 2021/643 (ATP 16 CLP)  
Regulation (EU) n. 2021/849 (ATP 17 CLP)  
Regulation (EU) n. 2022/692 (ATP 18 CLP)  
Regulation (EU) n. 2023/1434 (ATP 19 CLP)  
Regulation (EU) n. 2023/1435 (ATP 20 CLP)  
Regulation (EU) n. 2024/197 (ATP 21 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 3  
Restriction 40

Restrictions related to the substances contained:

Restriction 75

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: P5c

15.2. Chemical safety assessment

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

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**SECTION 16: Other information**

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H304 May be fatal if swallowed and enters airways.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, 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
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard,

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		category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.

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
Flam. Liq. 2, H225	On basis of test data
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

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.  
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.  
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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.

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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.  
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.

Note:

\*Indicated "Extremely" on cardboard (once finished, will be ammended)