

# Safety Data Sheet

## DS SCALE 100ML 6PZ



Safety Data Sheet dated 25/5/2021, version 3

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

#### 1.1. Product identifier

Mixture identification:

Trade name: DS SCALE 100ML 6PZ

Trade code: 79289

UFI: X880-H0WF-X00V-5579

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

Recommended use:

Detergent

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

Company:

FRA.BER S.R.L.

Via M.Merisi 40-46

24051 Antegnate (BG)

Italy

Tel.+390363905287

Competent person responsible for the safety data sheet:

info@fra-ber.it

#### 1.4. Emergency telephone number

Emergency telephone number of the company and/or of an authorised advisory centre:

Centro Antiveleni - Ospedale di Niguarda - Milano - phone: +390266101029

Fra-Ber s.r.l. via M.Merisi 40-46, 24051 Antegnate (BG) - Italy, phone: +390363905287

info@fra-ber.it

### SECTION 2: Hazards identification

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

EC regulation criteria 1272/2008 (CLP)

Danger, Skin Corr. 1B, Causes severe skin burns and eye damage.

Danger, Eye Dam. 1, Causes serious eye damage.

Warning, Aquatic Acute 1, Very toxic to aquatic life.

Aquatic Chronic 2, Toxic to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

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H411 Toxic 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.
- P103 Read carefully and follow all instructions.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/clothing and eye/face protection.
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

- PACK1 The packing must be featured by a safety lock for children.
- PACK2 The packing must have tactile indications of danger for blind people.

Contains

ALKYL ETHER CARBOXYLIC ACID  
 2,2'-(octadec-9-enylimino)bisethanol  
 Alchil Poliglucoside C8-C10  
 ISOTRIDEKANOL, ETHOXYLATED

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

None

Product contents:

Non-ionic surfactants 5 - 15 %  
 Anionic surfactants < 5 %  
 The product also contains: Perfumes  
 Allergens:  
 Preservatives:

2.3. Other hazards

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

Other Hazards:

No other hazards





### 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:

Qty	Name	Ident. Number	Classification	Additional info
$\geq 2\% - < 5\%$	ALKYL ETHER CARBOXYLIC ACID	CAS: 27306-90-7 EC: 933-251-8	 3.3/1 Eye Dam. 1 H318	REACH n° : Polymer: Yes
$\geq 2\% - < 5\%$	2,2'-(octadec-9-enylimino)bisethanol	CAS: 25307-17-9 EC: 246-807-3 REACH No.: 01-21195108 76-35	 3.1/4/Oral Acute Tox. 4 H302  4.1/C1 Aquatic Chronic 1 H410 M=1.  3.2/1A Skin Corr.	REACH n° : Polymer: N.A.

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			1A H314  4.1/A1 Aquatic Acute 1 H400 M=10.	
>= 2% - < 5%	Alchil Poliglucoside C8-C10	CAS: 68515-73-1 EC: 500-220-1 REACH No.: 01-21194885 30-36	 3.3/1 Eye Dam. 1 H318	REACH n° : Polymer: N.A.
>= 2% - < 5%	Acido solforico ...%	Index number: 016-020-00-8 CAS: 7664-93-9 EC: 231-639-5	 3.2/1A Skin Corr. 1A H314 Specific Concentration Limits: C >= 15%: Skin Corr. 1A H314 5% <= C < 15%: Skin Irrit. 2 H315 5% <= C < 15%: Eye Irrit. 2 H319	REACH n° : Polymer: N.A.
< 2%	Alcool Cetil-Oleilico etossilato	CAS: 68920-66-1 EC: 500-236-9	 3.2/2 Skin Irrit. 2 H315 4.1/C3 Aquatic Chronic 3 H412	REACH n° : Polymer: Yes
< 2%	ISOTRIDECANOL, ETHOXYLATE D	CAS: 69011-36-5 EC: 500-241-6 REACH No.: 01-21199763 62-32	 3.1/4/Oral Acute Tox. 4 H302 4.1/C3 Aquatic Chronic 3 H412  3.3/1 Eye Dam. 1 H318	REACH n° : Polymer: N.A.
< 2%	acetic acid, (2-butoxyethoxy)	EC: 451-650-0	 3.2/1B Skin Corr. 1B H314	REACH n° : Polymer: N.A.
< 2%	Ammonium hydrogen difluoride	Index number: 009-009-00-4 CAS: 1341-49-7 EC: 215-676-4 REACH No.: 01-21194891 80-38	 3.1/3/Oral Acute Tox. 3 H301  3.3/1 Eye Dam. 1 H318  3.2/1B Skin Corr. 1B H314 Specific Concentration Limits: 0,1% <= C < 1%: Skin Irrit. 2 H315 0,1% <= C < 1%: Eye Irrit. 2 H319 C >= 1%: Skin Corr. 1B H314	REACH n° : Polymer: N.A.
< 2%	BUTOXYETHANOL	CAS: 111-76-2 EC: 203-905-0 REACH No.: 01-21194751 08-36	 3.1/4/Inhal Acute Tox. 4 H332  3.1/4/Dermal Acute Tox. 4 H312  3.1/4/Oral Acute	REACH n° : Polymer: N.A.

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			Tox. 4 H302  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:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

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 induce vomiting.

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

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

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 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

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Acido solforico ...% - CAS: 7664-93-9

EU - TWA(8h): 0.05 mg/m<sup>3</sup> - Notes: thoracic fraction

ACGIH - TWA(8h): 0.2 mg/m<sup>3</sup> - Notes: (T), A2(M) - Pulm func

BUTOXYETHANOL - CAS: 111-76-2

- TWA: 98 mg/m<sup>3</sup>, 20 ppm - Notes: TWA

- TWA: 246 mg/m<sup>3</sup>, 50 ppm - Notes: STEL

EU - TWA(8h): 98 mg/m<sup>3</sup>, 20 ppm - STEL: 246 mg/m<sup>3</sup>, 50 ppm - Notes: Skin

ACGIH - TWA(8h): 20 ppm - Notes: A3, BEI - Eye and URT irr

### DNEL Exposure Limit Values

2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9

Worker Professional: 1.76 03 - Consumer: 0.621 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 0.25 mg/kg - Consumer: 0.179 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.179 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Alchil Poliglucoside C8-C10 - CAS: 68515-73-1

Worker Industry: 595000 04 - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 420 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 35.7 04 - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 357000 04 - Exposure: Human Dermal - Frequency: Long Term, systemic effects

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Consumer: 124 03 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

### PNEC Exposure Limit Values

2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9

Target: Fresh Water - Value: 0.000214 mg/l

Target: Marine water - Value: 0.00002 mg/l

Target: Freshwater sediments - Value: 1.692 mg/kg

Target: Marine water sediments - Value: 0.01692 mg/kg

Target: Purification plant - Value: 1.5 mg/l

Target: Intermittent emission - Value: 0.00087 mg/l

Target: Soil - Value: 5 mg/l

Alchil Poliglucoside C8-C10 - CAS: 68515-73-1

Target: Fresh Water - Value: 0.176 mg/l

Target: Marine water - Value: 0.0176 mg/l

Target: Intermittent emission - Value: 0.27 mg/l

Target: Freshwater sediments - Value: 1.516 04

Target: Marine water sediments - Value: 0.152 04

Target: Soil - Value: 0.654 04

Target: Oral route (secondary poisoning) - Value: 111.11 mg/kg

Target: Purification plant - Value: 560 mg/l

### 8.2. Exposure controls

Eye protection:

Eye glasses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. rubber, PVC or viton.

Protection for hands:

Butyl caoutchouc (butyl rubber).

Respiratory protection:

Not needed in well-ventilated areas

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Physical state:	Liquid	--	--
Colour:	Dark violet	--	--
Odour:	characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	>100 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--

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pH:	3.03 ± 0.5	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	soluble	--	--
Solubility in oil:	not soluble	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.06 g/cm <sup>3</sup> +/-0,01 g/cm <sup>3</sup>	--	--
Relative vapour density:	N.A.	--	--

#### Particle characteristics:

Particle size:	N.A.	--	--
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#### 9.2. Other information

Properties	Value	Method:	Notes:
Storage temperature:	5°C < x < 20°C	--	--

## 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
  - Stable under normal conditions.
- 10.5. Incompatible materials
  - None in particular.
- 10.6. Hazardous decomposition products
  - None.

## 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

The product is classified: Skin Corr. 1B H314

c) serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

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

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- 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:
- ALKYL ETHER CARBOXYLIC ACID - CAS: 27306-90-7
    - a:
      - Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
  - c) serious eye damage/irritation:
    - Notes: Provoca gravi lesioni oculari
  - 2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9
    - a:
      - Test: LD50 - Route: Oral - Species: Rat = 1.260 mg/kg - Source: OECD linea guida 401
  - i) STOT-repeated exposure:
    - Notes: Irritazione locale
  - Alchil Poliglucoside C8-C10 - CAS: 68515-73-1
    - a:
      - Test: LD50 - Route: Oral - Species: Rat > 2000 01
      - Test: LD50 - Route: Skin - Species: Rabbit > 2000 01
  - g) reproductive toxicity:
    - Test: EC55 - Route: Oral - Species: Rat = 100 mg/kg bw/day - Source: OECD 421
  - Alcool Cetil-Oleilico etossilato - CAS: 68920-66-1
    - a:
      - Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: CESIO
  - ISOTRIDECANOL, ETHOXYLATED - CAS: 69011-36-5
    - a:
      - Test: LD50 - Route: Oral - Species: Rat > 300 mg/kg
      - Test: LD50 - Route: Skin - Species: Rat > 2.000 mg/kg
  - BUTOXYETHANOL - CAS: 111-76-2
    - a:
      - Test: LD50 - Route: Oral - Species: Rat 1746 mg/kg
      - Test: LD50 - Route: Skin 2000 mg/kg - Notes: porcellino d'india
- 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.
- DS SCALE 100ML 6PZ
- The product is classified: Aquatic Acute 1 - H400; Aquatic Chronic 2 - H411
- ALKYL ETHER CARBOXYLIC ACID - CAS: 27306-90-7
    - a) Aquatic acute toxicity:
      - Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96
  - 2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9



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a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 0.1 mg/l - Duration h: 96 - Notes: OECD 203; ISO 7346; 84/449/CEE, C.1, semistatico

Endpoint: EC50 - Species: Daphnia = 0.043 mg/l - Duration h: 48 - Notes: OECD linea guida 202, parte 1, statico

Endpoint: EC50 - Species: Piante acquatiche = 0.0867 mg/l - Duration h: 72 - Notes: OECD linea guida 201, statico

Endpoint: EC10 - Species: Piante acquatiche = 0.0341 mg/l - Duration h: 72 - Notes: OECD linea guida 201, statico

Endpoint: EC50 - Species: Microorganisms / Active sludge effects = 158 mg/l - Duration h: 3 - Notes: OECD linea guida 209, DIN EN ISO 8192; 88/302/CEE, P. C, statico. Fango attivo, domestico, non adatto

Endpoint: EC10 - Species: Microorganisms / Active sludge effects = 15 mg/l - Duration h: 3 - Notes: OECD linea guida 209, DIN EN ISO 8192; 88/302/CEE, P. C, statico. Fango attivo, domestico, non adatto

b) Aquatic chronic toxicity:

Endpoint: EC10 - Species: Daphnia = 0.0107 mg/l - Notes: OECD linea guida 211, semistatico

Notes: Effetti tossici su organismi viventi nel suolo

d) Terrestrial toxicity:

#### Alchil Poliglucoside C8-C10 - CAS: 68515-73-1

a) Aquatic acute toxicity:

Endpoint: NOEC - Species: Fish 1.8 mg/l - Duration h: 672

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Notes: OCSE 202

Endpoint: LC50 - Species: Fish = 100.81 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia 2 mg/l - Duration h: 504

e) Plant toxicity:

Endpoint: EC50 - Species: Algae 27.22 mg/l - Duration h: 72

#### Alcool Cetil-Oleilico etossilato - CAS: 68920-66-1

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Piante acquatiche > 1 mg/l - Notes: Effetti acuti

Endpoint: EC10 - Species: Piante acquatiche > 0.1 mg/l - Duration h: 72 - Notes: Effetti a lungo termine

Endpoint: 21 - Species: Microorganisms / Active sludge effects = 500 mg/l - Duration h: 30 - Notes: minuti

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia > 0.1 mg/l - Notes: CESIO

Endpoint: NOEC - Species: Fish > 0.1 mg/l - Notes: CESIO

Endpoint: NOEC - Species: Algae > 0.1 mg/l - Notes: CEISO

#### ISOTRIDEKANOL, ETHOXYLATED - CAS: 69011-36-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 10 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 10 mg/l - Duration h: 48

Endpoint: EC50 - Species: Piante acquatiche > 10 mg/l - Duration h: 72

Endpoint: EC50 - Species: frab1 = 140 mg/l

#### acetic acid, (2-butoxyethoxy)

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 100 mg/l - Duration h: 48

#### BUTOXYETHANOL - CAS: 111-76-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 1474 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 1550 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 1840 mg/l - Duration h: 72

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### 12.2. Persistence and degradability

None

2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9

Biodegradability: Easily biodegradable

Alchil Poliglucoside C8-C10 - CAS: 68515-73-1

Biodegradability: Easily biodegradable - Duration: 28D - %: 99

Alcool Cetil-Oleilico etossilato - CAS: 68920-66-1

Biodegradability: Readily biodegradable - Test: Fra Biodegradability - Duration: 28D - %: 60

ISOTRIDEKANOL, ETHOXYLATED - CAS: 69011-36-5

Biodegradability: frab1

### 12.3. Bioaccumulative potential

2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9

Bioaccumulation: FRAB2

Alcool Cetil-Oleilico etossilato - CAS: 68920-66-1

Bioaccumulation: Not bioaccumulative

### 12.4. Mobility in soil

2,2'-(octadec-9-enylimino)bisethanol - CAS: 25307-17-9

Mobility in soil: Mobile

Alcool Cetil-Oleilico etossilato - CAS: 68920-66-1

Mobility in soil: Mobile

### 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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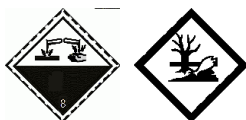
## SECTION 13: Disposal considerations

### 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

### 14.2. UN proper shipping name

ADR-Shipping Name: ACETYL BROMIDE

IATA-Shipping Name: ACETYL BROMIDE

IMDG-Shipping Name: ACETYL BROMIDE

### 14.3. Transport hazard class(es)

IATA-Class: 8

IATA-Label: 8

### 14.4. Packing group

IATA-Packing group: II

IMDG-Packing group: II

### 14.5. Environmental hazards

ADR-Environmental Pollutant: Yes

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IMDG-Marine pollutant:	Marine Pollutant
IMDG-EmS:	F-A , S-B
14.6. Special precautions for user	
ADR-Subsidiary hazards:	-
ADR-S.P.:	-
IATA-Passenger Aircraft:	851
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	855
IATA-S.P.:	-
IATA-ERG:	8L
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category C SW2
IMDG-Segregation:	SGG1 SG36 SG49
14.7. Maritime transport in bulk according to IMO instruments	
No	

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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)
- 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:
- No restriction.
- Volatile Organic compounds - VOCs = 0.01 %
- Volatile CMR substances = 0.00 %
- Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
- Organic Carbon - C = 0.00
- 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):

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Seveso III category according to Annex 1, part 1  
Product belongs to category: E1, E2

### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

Full text of phrases referred to in Section 3:

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

H301 Toxic if swallowed.

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

Hazard class and hazard category	Code	Description
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
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. 1A	3.2/1A	Skin corrosion, Category 1A
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
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, 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
Skin Corr. 1B, H314	Calculation method
Eye Dam. 1, H318	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 2, H411	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

## Safety Data Sheet

### DS SCALE 100ML 6PZ

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.
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.