

**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 1/21

Replaced revision:1 (Printed on: 22/12/2022)

## Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

#### 1.1. Product identifier

Code: P129O4C - P129O4C10L - P129O4C50L  
Product name: B-OIL 4 CLEANER  
UFI: WUY0-NOXN-P00T-4CHU

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

Intended use: Concentrated neutral detergent for ordinary cleaning of oil-treated wood and parquet surfaces

Identified Uses	Industrial	Professional	Consumer
Floor cleaner	-	ERC: 8a, 8d. PROC: 10, 8a. PC: 35. LCS: PW.	ERC: 8a, 8d. PC: 35.

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

Name: BELLINZONI S.R.L.  
Full address: Via Mezzano 64  
District and Country: 28069 Trecate (NO)  
Italia  
Tel. +39 0321 770558

e-mail address of the competent person

responsible for the Safety Data Sheet: laboratorio@bellinzoni.com  
Supplier: BELLINZONI S.r.l.

#### 1.4. Emergency telephone number

For urgent inquiries refer to

- CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA – Roma - Piazza Sant' Onofrio, 4 CAP: 00165 – Telefono: 06 68593726 – Responsabile: Marco Marano
- Az. Osp. Univ. Foggia – Foggia - V.le Luigi Pinto, 1 – CAP: 71122 – Telefono: 800183459 – Responsabile: Anna Lepore
- Az. Osp. "A. Cardarelli" – Napoli - Via A. Cardarelli, 9 – CAP: 80131081- Telefono: 5453333 – Responsabile: Romolo Villani
- CAV Policlinico "Umberto I" - Roma - V.le del Policlinico, 155 – CAP: 161 – Telefono: 06-49978000 – Responsabile: M. Caterina Grassi
- CAV Policlinico "A. Gemelli" - Roma - Largo Agostino Gemelli, 8 – CAP: 168 – Telefono: 06-3054343 – Responsabile: Alessandro Barelli
- Az. Osp. "Careggi" U.O. Tossicologia Medica – Firenze - Largo Brambilla, 3 – CAP: 50134 – Telefono: 055-7947819 – Responsabile: Francesco Gambassi
- CAV Centro Nazionale di Informazione Tossicologica - Pavia – Via Salvatore Maugeri, 10 – CAP: 27100 - Telefono: 0382-24444 – Responsabile: Carlo Locatelli
- Osp. Niguarda Ca' Granda – Milano - Piazza Ospedale Maggiore,3 – CAP: 20162 – Telefono: 02-66101029 – Responsabile: Franca Davanzo
- Azienda Ospedaliera Papa Giovanni XXII – Bergamo - Piazza OMS, 1 – CAP: 24127 – Telefono: 800883300 – Responsabile: Bacis Giuseppe
- Azienda Ospedaliera Integrata Verona – Verona - Piazzale Aristide Stefani, 1 – CAP: 37126 – Telefono 800011858

**B-OIL 4 CLEANER****SECTION 2. Hazards identification****2.1. Classification of the substance or mixture**

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

## Hazard classification and indication:

Eye irritation, category 2	H319	Causes serious eye irritation.
Skin sensitization, category 1A	H317	May cause an allergic skin reaction.

**2.2. Label elements**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

## Hazard pictograms:



Signal words: Warning

## Hazard statements:

<b>H319</b>	Causes serious eye irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>EUH210</b>	Safety data sheet available on request.

## Precautionary statements:

<b>P102</b>	Keep out of reach of children.
<b>P280</b>	Wear protective gloves / eye protection / face protection.
<b>P302+P352</b>	IF ON SKIN: wash with plenty of water
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P333+P313</b>	If skin irritation or rash occurs: Get medical advice / attention.
<b>P337+P313</b>	If eye irritation persists: Get medical advice / attention.
<b>P501</b>	Dispose of the product / container in accordance with local / regional / national / international regulations.

Contains: 2-METHYL-2H-ISOTHIAZOL-3-ONE

Ingredients according to Regulation (EC) No. 648/2004

Less than 5%	Anionic surfactants, Soap
5% or over but less than 15%	Non-ionic surfactants

dye

Perfumes

Preservation agents: 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one

**2.3. Other hazards**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.  
The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

**B-OIL 4 CLEANER****SECTION 3. Composition/information on ingredients****3.1. Substances**

Information not relevant

**3.2. Mixtures**

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
<b>OXIRANE, 2-METHYL, POLYMER WITH OXIRANE, MONO (2-PROPILEPTYL) ETHER</b>		
INDEX -	$4 \leq x < 5$	Eye Irrit. 2 H319
EC 944-523-0		
CAS -		
<b>HEXANE-1-OL, ETHOXYLATED</b>		
INDEX	$2 \leq x < 3$	Acute Tox. 4 H302, Eye Dam. 1 H318
EC -		LD50 Oral: >300 mg/kg
CAS 31726-34-8		
<b>SODIUM P-CUMENESULPHONATE</b>		
INDEX	$2 \leq x < 3$	Eye Irrit. 2 H319
EC -		
CAS 15763-76-5		
REACH Reg. 01-2119489411-37-0004		
<b>2-METHYL-2H-ISOTHIAZOL-3-ONE</b>		
INDEX -	$0,0015 \leq x < 0,06$	Acute Tox. 2 H330, Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314, Eye Dam. 1 H318, Skin Sens. 1A H317, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1, EUH071 Skin Sens. 1A H317: $\geq 0,0015\%$
EC 220-239-6		
CAS 2682-20-4		LD50 Oral: 183 mg/kg, LD50 Dermal: 218 mg/kg, LC50 Inhalation mists/powders: 0,11 mg/l/4h
REACH Reg. 01-2120764690-50		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures****4.1. Description of first aid measures**

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.



**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

Printed on 22/09/2023

Page n. 4/21

Replaced revision:1 (Printed on: 22/12/2022)

**B-OIL 4 CLEANER**

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

**SECTION 5. Firefighting measures**

**5.1. Extinguishing media**

**SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

**UNSUITABLE EXTINGUISHING EQUIPMENT**

None in particular.

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

**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Do not breathe combustion products.

**5.3. Advice for firefighters**

**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**SECTION 6. Accidental release measures**

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

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

**6.2. Environmental precautions**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.



SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

RCP TLV

ACGIH TLVs and BEIs – Appendix H

SODIUM P-CUMENESULPHONATE

Predicted no-effect concentration - PNEC

Table with 3 columns: Parameter, Value, Unit. Rows include Normal value in fresh water (23 mg/l), Normal value for water, intermittent release (23 mg/l), and Normal value of STP microorganisms (100 mg/l).

Health - Derived no-effect level - DNEL / DMEL

Table with 9 columns: Route of exposure, Acute local, Acute systemic, Chronic local, Chronic systemic, Acute local, Acute systemic, Chronic local, Chronic systemic. Rows include Oral, Inhalation, and Skin exposure levels.

1,2-BENZISOTHIAZOL-3(2H)-ONE

Predicted no-effect concentration - PNEC

Table with 3 columns: Parameter, Value, Unit. Rows include Normal value in fresh water (4,03 µg/l), Normal value in marine water (403 ng/l), Normal value for fresh water sediment (49,9 µg/l), Normal value for marine water sediment (4,99 µg/kg), Normal value for water, intermittent release (1,1 µg/l), Normal value of STP microorganisms (1,03 mg/l), and Normal value for the terrestrial compartment (3 mg/kg soil dw).

Health - Derived no-effect level - DNEL / DMEL

Table with 9 columns: Route of exposure, Acute local, Acute systemic, Chronic local, Chronic, Acute local, Acute, Chronic local, Chronic.

**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

Printed on 22/09/2023

Page n. 6/21

Replaced revision:1 (Printed on: 22/12/2022)

**B-OIL 4 CLEANER**

	systemic	systemic	systemic
Inhalation	1.2 mg/m <sup>3</sup>	6.81	6.81 mg/m <sup>3</sup>
Skin	345 µg/kg bw/d		966 µg/kg bw/d

**2-METHYL-2H-ISOTHIAZOL-3-ONE**

Predicted no-effect concentration - PNEC

Normal value in fresh water	3,39	µg/l
Normal value in marine water	3,39	µg/l
Normal value for water, intermittent release	3,39	µg/l
Normal value of STP microorganisms	230	µg/l
Normal value for the terrestrial compartment	47,1	µg/kg soil dw

**Health - Derived no-effect level - DNEL / DMEL**

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation	21 µg/m <sup>3</sup>		43 µg/m <sup>3</sup>		43 µg/m <sup>3</sup>		21 µg/m <sup>3</sup>	
Skin		53 mg/kg bw/d		27 mg/kg bw/d				

Legend:  
 (C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.  
 VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

**8.2. Exposure controls**

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

**HAND PROTECTION**

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

**SKIN PROTECTION**

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

**EYE PROTECTION**

Wear airtight protective goggles (see standard EN 166).

**RESPIRATORY PROTECTION**

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

**B-OIL 4 CLEANER****ENVIRONMENTAL EXPOSURE CONTROLS**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Properties	Value	Information
Appearance	liquid	Method:visual
Colour	orange	
Odour	cedar wood	Method:own
Melting point / freezing point	< -5 °C	Method:own
Initial boiling point	> 100 °C	Method:own
Flammability	not flammable	
Lower explosive limit	not available	Reason for missing data:it does not contain substances classified as explosive
Upper explosive limit	not available	Reason for missing data:it does not contain substances classified as explosive
Flash point	> 60 °C	
Auto-ignition temperature	> 200 °C	Substance:OXIRANE, 2-METHYL, POLYMER WITH OXIRANE, MONO (2-PROPILEPTYL) ETHER
Decomposition temperature	>300 °C	Substance:OXIRANE, 2-METHYL, POLYMER WITH OXIRANE, MONO (2-PROPILEPTYL) ETHER
pH	7,00 ± 0,50	Method:own instrument: METTLER TOLEDO SEVEN GO electrode: METTLER TOLEDO InLab 413 SG / 2m IP67
Kinematic viscosity	3,0 mm <sup>2</sup> /s	Method:Calculation
Dynamic viscosity	3,0 cP	Method:BROOKFIELD DV1 LV ( spindle=1 / speed=100 / T=20°C )
Solubility	soluble in water in any ratio	Method:own
Partition coefficient: n-octanol/water	not available	Reason for missing data:The product is a blend
Vapour pressure	15,16 mmHg	Method:calculation
Density and/or relative density	1,00 - 1,05 g/cm <sup>3</sup>	Method:Instrument: METTLER TOLEDO DENSITOPRO
Relative vapour density	not available	
Particle characteristics	not applicable	

**9.2. Other information**

## 9.2.1. Information with regard to physical hazard classes

Information not available

## 9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU) 0,26 % - 2,65 g/litre

VOC (volatile carbon) 0,20 % - 2,00 g/litre

Explosive properties not explosive

Oxidising properties not oxidizing

Remark:it does not contain substances classified as explosive

Remark:it does not contain substances classified as oxidizing

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.



**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 8/21

Replaced revision:1 (Printed on: 22/12/2022)

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

#### 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected. Avoid contact with: oxidants, reducing agents, strong acids, strong bases

#### 10.5. Incompatible materials

Oxidant agents, reducing agents, strong acids, strong bases

#### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>)

### SECTION 11. Toxicological information

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

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

#### ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no significant component)
ATE (Oral) of the mixture:	>2000 mg/kg
ATE (Dermal) of the mixture:	Not classified (no significant component)

#### OXIRANE, 2-METHYL, POLYMER WITH OXIRANE, MONO (2-PROPILEPTYL) ETHER

LD50 (Oral):	> 2000 mg/kg rat
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**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 9/21

Replaced revision:1 (Printed on: 22/12/2022)

**HEXANE-1-OL, ETHOXYLATED**

LD50 (Dermal): > 2000 mg/kg ratto (OECD - linea guida 402)  
LD50 (Oral): > 300 mg/kg ratto ( OECD-Linea guida 423 )

**SODIUM P-CUMENESULPHONATE**

LD50 (Dermal): > 2000 mg/kg coniglio  
LD50 (Oral): > 7000 mg/kg ratto  
LC50 (Inhalation vapours): > 641 mg/l/4h ratto

**1,2-BENZISOTHIAZOL-3(2H)-ONE**

LD50 (Dermal): > 5000 mg/kg bw Rat male, female. Method: OECD Test Guideline 402  
LD50 (Oral): 490 mg/kg bw Rat male, female. Method: OECD Test Guideline 401

**2-METHYL-2H-ISOTHIAZOL-3-ONE**

LD50 (Dermal): 218 mg/kg Rabbit male. Method: calculation  
LD50 (Oral): 183 mg/kg Rat, female  
LC50 (Inhalation mists/powders): 0,11 mg/l/4h Rat male, female. Method: OECD Test Guideline 403

**SKIN CORROSION / IRRITATION**

Does not meet the classification criteria for this hazard class

**SERIOUS EYE DAMAGE / IRRITATION**

Causes serious eye irritation

**RESPIRATORY OR SKIN SENSITISATION**

Sensitising for the skin

**GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

**CARCINOGENICITY**

Does not meet the classification criteria for this hazard class

**REPRODUCTIVE TOXICITY**

Does not meet the classification criteria for this hazard class

**STOT - SINGLE EXPOSURE**

Does not meet the classification criteria for this hazard class

**STOT - REPEATED EXPOSURE**

Does not meet the classification criteria for this hazard class

**B-OIL 4 CLEANER**ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**SECTION 12. Ecological information****12.1. Toxicity****OXIRANE, 2-METHYL, POLYMER WITH  
OXIRANE, MONO (2-PROPILEPTYL)  
ETHER**

LC50 - for Fish	> 10 mg/l/96h Pesci (OECD 203; ISO 7346; 92/69/CEE, C.1)
EC50 - for Crustacea	> 10 mg/l/48h dafnie (OECD - linea guida 202, parte 1)
EC50 - for Algae / Aquatic Plants	> 10 mg/l/72h alghe (OECD - linea guida 201)
EC10 for Algae / Aquatic Plants	> 1 mg/l/72h (OECD - linea guida 201)
Chronic NOEC for Fish	> 1 mg/l Pesci (Linea Guida OECD 215)
Chronic NOEC for Crustacea	> 1 mg/l Daphnia magna (OECD - linea guida 211)

**SODIUM P-CUMENESULPHONATE**

LC50 - for Fish	1000 mg/l/96h Oncorhynchus mykiss ( EPA OTS 797.1400 )
EC50 - for Crustacea	1000 mg/l/48h Daphnia Magna ( EPA OTS 797.1300 )
EC50 - for Algae / Aquatic Plants	> 230 mg/l/96h Selenastrum capricornutum ( EPA OTS 797.1050 )
Chronic NOEC for Algae / Aquatic Plants	31 mg/l/96h Selenastrum capricornutum ( EPA OTS 797.1050 )

**1,2-BENZISOTHIAZOL-3(2H)-ONE**

LC50 - for Fish	2,15 mg/l/96h Oncorhynchus mykiss. Method: OECD Test Guideline 203
EC50 - for Crustacea	2,9 mg/l/48h Daphnia magna. Method: OECD Test Guideline 202
EC50 - for Algae / Aquatic Plants	0,11 mg/l/72h Pseudokirchneriella subcapitata. Method: OECD Test Guideline 201
Chronic NOEC for Algae / Aquatic Plants	0,0403 mg/l Pseudokirchneriella subcapitata. Method: OECD Test Guideline 201

**2-METHYL-2H-ISOTHIAZOL-3-ONE**

LC50 - for Fish	> 150 mg/l/96h Danio rerio
EC50 - for Crustacea	0,87 µg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	0,157 mg/l/72h Pseudokirchneriella subcapitata
Chronic NOEC for Algae / Aquatic Plants	0,0104 mg/l Pseudokirchneriella subcapitata

**HEXANE-1-OL, ETHOXYLATED**

LC50 - for Fish	> 100 mg/l/96h Brachydanio rerio (OECD 203; ISO 7346; 84/449/CEE, C.1)
EC50 - for Crustacea	> 100 mg/l/48h Daphnia magna (OECD - linea guida 202, parte 1)
EC50 - for Algae / Aquatic Plants	> 100 mg/l/72h Scenedesmus subspicatus (Direttiva 92/69/CEE, C.3)
EC10 for Algae / Aquatic Plants	> 100 mg/l/72h Scenedesmus subspicatus (Direttiva 92/69/CEE, C.3)

**B-OIL 4 CLEANER****12.2. Persistence and degradability**

OXIRANE, 2-METHYL, POLYMER WITH  
OXIRANE, MONO (2-PROPILEPTYL)  
ETHER

Rapidly degradable

SODIUM P-CUMENESULPHONATE

Rapidly degradable

1,2-BENZISOTHIAZOL-3(2H)-ONE

Solubility in water

1,288 g/l

Rapidly degradable

2-METHYL-2H-ISOTHIAZOL-3-ONE

Solubility in water

489 g/l

NOT rapidly degradable

**12.3. Bioaccumulative potential**

SODIUM P-CUMENESULPHONATE

Partition coefficient: n-octanol/water

-3,12

BCF

< 2,3

1,2-BENZISOTHIAZOL-3(2H)-ONE

Partition coefficient: n-octanol/water

0,7 Log Kow Method: Regulation (EC) n. 440/2008, annex, A.8

BCF

6,62 Method: OECD Test Guideline 305

2-METHYL-2H-ISOTHIAZOL-3-ONE

Partition coefficient: n-octanol/water

-0,32 Log Kow

**12.4. Mobility in soil**

1,2-BENZISOTHIAZOL-3(2H)-ONE

Partition coefficient: soil/water

0,97

**12.5. Results of PBT and vPvB assessment**

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

**12.6. Endocrine disrupting properties**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**

Information not available



**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 12/21

Replaced revision:1 (Printed on: 22/12/2022)

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number or ID number

not applicable

### 14.2. UN proper shipping name

not applicable

### 14.3. Transport hazard class(es)

not applicable

### 14.4. Packing group

not applicable

### 14.5. Environmental hazards

not applicable

### 14.6. Special precautions for user

not applicable

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

Information not relevant

## SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point

3



**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 13/21

Replaced revision:1 (Printed on: 22/12/2022)

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

Regulation (EC) No. 648/2004

Ingredients according to Regulation (EC) No. 648/2004

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**15.2. Chemical safety assessment**

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

**B-OIL 4 CLEANER****SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Acute Tox. 2</b>	Acute toxicity, category 2
<b>Acute Tox. 3</b>	Acute toxicity, category 3
<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>Skin Corr. 1B</b>	Skin corrosion, category 1B
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Eye Irrit. 2</b>	Eye irritation, category 2
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>STOT SE 3</b>	Specific target organ toxicity - single exposure, category 3
<b>Skin Sens. 1</b>	Skin sensitization, category 1
<b>Skin Sens. 1A</b>	Skin sensitization, category 1A
<b>Skin Sens. 1B</b>	Skin sensitization, category 1B
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment, chronic toxicity, category 1
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment, chronic toxicity, category 2
<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment, chronic toxicity, category 3
<b>Aquatic Chronic 4</b>	Hazardous to the aquatic environment, chronic toxicity, category 4
<b>H330</b>	Fatal if inhaled.
<b>H301</b>	Toxic if swallowed.
<b>H311</b>	Toxic in contact with skin.
<b>H302</b>	Harmful if swallowed.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H318</b>	Causes serious eye damage.
<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H335</b>	May cause respiratory irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H411</b>	Toxic to aquatic life with long lasting effects.
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>H413</b>	May cause long lasting harmful effects to aquatic life.
<b>EUH071</b>	Corrosive to the respiratory tract.
<b>EUH210</b>	Safety data sheet available on request.

Use descriptor system:

<b>ERC</b>	<b>8a</b>	Widespread use of non- reactive processing aid (no inclusion into or onto article, indoor)
<b>ERC</b>	<b>8d</b>	Widespread use of non- reactive processing aid (no inclusion into or onto article, outdoor)
<b>LCS</b>	<b>PW</b>	Widespread use by professional workers
<b>PC</b>	<b>35</b>	Washing and cleaning products
<b>PROC</b>	<b>10</b>	Roller application or brushing
<b>PROC</b>	<b>8a</b>	Transfer of substance or mixture (charging and discharging) at non- dedicated facilities



**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 15/21

Replaced revision:1 (Printed on: 22/12/2022)

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

**GENERAL BIBLIOGRAPHY**

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
  4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
  7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
  8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
  9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
  10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
  11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
  12. Regulation (EU) 2016/1179 (IX Atp. CLP)
  13. Regulation (EU) 2017/776 (X Atp. CLP)
  14. Regulation (EU) 2018/669 (XI Atp. CLP)
  15. Regulation (EU) 2019/521 (XII Atp. CLP)
  16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
  17. Regulation (EU) 2019/1148
  18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
  19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
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  21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
  22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - IFA GESTIS website
  - ECHA website
  - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy



**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 16/21

Replaced revision:1 (Printed on: 22/12/2022)

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**CALCULATION METHODS FOR CLASSIFICATION**

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

**Changes to previous review:**

The following sections were modified:

01 / 02 / 03 / 09 / 11 / 12 / 15 / 16.



**SUMI  
Safe Use of Mixtures  
Information**

**AISE\_SUMI\_PW\_8a\_1\_G**

*Version 1.1, August 2018*

***Transfer of product to a container (bottle/bucket/machine)***

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*

**General description of the process covered**

This SUMI applies to professional uses where the product is transferred to or diluted in a container, such as a dispenser, bottle or bucket. This Safe Use Information is based on the **AISE\_SWED\_PW\_8a\_1\_L** e **AISE\_SWED\_PW\_8a\_1\_S**.

**Operational Conditions**

<b>Maximum duration</b>	60 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear suitable gloves and eye protection. See section 8 of the SDS of this product for specifications 
	Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	If appropriate <b>l'AISE SPERC 8a.1.a.v2</b> : wide dispersive use resulting in release to municipal sewage treatment plant.

	<b>BELLINZONI S.R.L.</b>	Revision nr. 2
	<b>B-OIL 4 CLEANER</b>	Dated 22/09/2023 Printed on 22/09/2023 Page n. 18/21 Replaced revision:1 (Printed on: 22/12/2022)

### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

### Disclaimer

*This is a document for communicating generic conditions of safe use of a product. It is the responsibility of the formulator to link this SUMI to the SDS of a specific product that he is selling. If a SUMI (or associated SWED) code is mentioned in the SDS of a product, the formulator of that product declares that all substances in the mixture are present in such concentration, that the use of the product within the conditions of the SUMI is safe. When available, this safe use is ensured by evaluating the results of the chemical safety assessments as performed by the raw material suppliers. When no chemical safety assessment has been carried out by the supplier for an ingredient that contributes to the classification of the mixture, the formulator has performed a safety assessment himself. Following Occupational Health legislation, the employer of workers that use products that are assessed as safe following SUMI conditions remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. This document is provided by A.I.S.E. for general information purposes only. The formulator uses the content of this document at its sole risk. A.I.S.E. disclaims any liability to any person or entity for any loss, damage no matter of what kind (actual, consequential, punitive or otherwise), injury, claim, liability or other cause of any kind or character based upon or resulting from the use (even partly) of the content of this document.*

**B-OIL 4 CLEANER**



**SUMI  
Safe Use of Mixtures  
Information**

**AISE\_SUMI\_PW\_10\_2\_G**  
Version 1.1, August 2018

*Professional uses; Brushing after trigger spraying or brushing with tools*

*This document is intended to communicate the conditions of safe use for the product and should always be read in combination with the product's Safety Data Sheet and labels.*

**General description of the process covered**

This SUMI applies to professional uses where the product is brushed on a surface, with limited exposure to the hands, either after trigger spraying or through the use of tools such as a mop. This Safe Use Information is based on the **AISE\_SWED\_PW\_10\_2**.

**Operational Conditions**

<b>Maximum duration</b>	480 minutes per day.
<b>Range of application / Process conditions</b>	Indoor Use.
	Process carried out at room temperature.
	In case of dilution, tap water at a maximum temperature of 45°C is used.
<b>Air exchange rate</b>	Provide a basic standard of general ventilation (1 to 3 air changes per hour). No LEV required.

**Risk Management Measures**

<b>Measures related to personal protective equipment (PPE), hygiene and health evaluation</b>	Wear suitable gloves and eye protection. See section 8 of the SDS of this product for specifications. 
	Training of workers in relation to proper use and maintenance of PPEs must be ensured.
<b>Environmental measures</b>	Prevent that undiluted product reaches surface waters.
	If appropriate <b>l'AISE SPERC 8a.1.a.v2 may apply</b> : wide dispersive use resulting in release to municipal sewage treatment plant.

	<b>BELLINZONI S.R.L.</b>	Revision nr. 2
	<b>B-OIL 4 CLEANER</b>	Dated 22/09/2023 Printed on 22/09/2023 Page n. 20/21 Replaced revision:1 (Printed on: 22/12/2022)

### Additional good practice advice

<b>Don't eat or drink.</b> <b>Don't smoke.</b> <b>Don't use in proximity of open flame.</b>	
<b>Wash hands after use.</b> <b>Avoid contact with damaged skin.</b> <b>Do not mix with other products.</b>	
<b>Spillage instructions</b>	Dilute with fresh water and mop up.
<b>Hygiene practices</b>	Follow the product instructions as specified on the label or in the product information sheet and use good occupational hygiene practices as specified in Section 7 of the product SDS.

### Additional information depending on product composition

The label and (when required) the Safety Data Sheet contain additional, product specific information crucial for working safely with mixtures. Please refer to the product label and SDS for information including, but not limited to: product hazard classification, potentially allergenic fragrances, notable ingredients and threshold limit values (when available).

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**BELLINZONI S.R.L.**

Revision nr. 2

Dated 22/09/2023

**B-OIL 4 CLEANER**

Printed on 22/09/2023

Page n. 21/21

Replaced revision:1 (Printed on: 22/12/2022)

## WORKING INSTRUCTIONS SHEET

The purpose of this sheet is to provide the personnel carrying out the cleaning operations with instructions for an appropriate and safe use of the products and for the correct management of emergency situations.

Operation planned	Transfer of substance or mixture (charging and discharging) at non- dedicated facilities [PROC8a]; Roller application or brushing [PROC10];
Product name	B-OIL 4 CLEANER
Risks of the product as it is	H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.
Risks of the product at the maximum concentration of use (3%)	At the maximum recommended use concentration the product is classified Not dangerous according to Regulation (EC) No. 1272/2008
Handling of the product as it is	Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.
Handling of the product at the maximum concentration of use (3%)	At work do not eat or drink
PPE required for the product as it is (transfer, concentrated use)	Protect hands with category III work gloves (see standard EN 374). Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wear airtight protective goggles (see standard EN 166).
PPE required for the product at the maximum concentration of use (3%)	Protect hands with category III work gloves (see standard EN 374).
In case of emergency (accidents involving exposure to the product)	Inform the client immediately. Immediately notify the employer. Contact the Anti-Poison Center listed in section 1.4 of the SDS
In case of accidental spillage of large quantities In concentrated form	Wear gloves, goggles and protective clothing (for specifications refer to section 8.2. of the SDS). Suck up the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product, checking the sect. 10 of the SDS. Absorb the remainder with inert absorbent material. Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of section 13 of the SDS
In case of accidental spillage of large quantities at the maximum use concentration (3%)	Wear gloves, goggles and protective clothing (for specifics refer to section 8.2. Of the SDS of the product as it is). Suck up the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product, checking the sect. 10 of the SDS of the product as it is. Absorb the remainder with inert absorbent material. Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of section 13 of the SDS of the product as it is.
Product storage	Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Keep the containers away from any incompatible materials, checking the sect. 10 of the SDS
In case of accidents, emergencies or fire in the work area	Immediately notify the client, the employer. Follow the instructions for emergencies. Follow the instructions in sect. 5 of the SDS