



Milton® Antibacterial surface spray

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Milton® Antibacterial surface spray

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

Biocidal product. Product-types 02 and 04.

Ready-to-use all purpose sanitizer.

For professional and general public.

Type of formulation: Other liquids to be applied undiluted (AL)

Use descriptor system (REACH): No data available

1.3. Details of the supplier of the safety data sheet

Registered company name: Milton International

Address: 9 rue Marcel Sembat - 44100 NANTES - France

Phone: +33 (0)5 49 68 15 15

Fax.: +33 (0)5 49 66 16 41

<https://www.milton-tm.com/fr>

E-mail: fds@labo-rivadis.fr

1.4. Emergency telephone number

Country	Phone number	Website
Austria	112	-
Belgium	+ 32 070 245 245	http://www.centreantipoisons.be/
Bulgaria	+359 2 9154 409	http://www.pirogov.bg
Croatia	(+385 1) 23-48-342	-
Cyprus	112	-
Czech Republic	+420 224 919 293, +420 224 915 402	www.tis-cz.cz
Denmark	+45 82 12 12 12	-
Estonia	16662 / (+372) 626 93 90	-
Finland	112	-
France	+33 (0)1 45 42 59 59	INRS / ORFILA http://www.centres-antipoison.net .
Germany	112	-
Greece	112	-
Hungary	+36 1 476 6464 / +36 80 201 199	-
Iceland	112	-
Ireland	01 809 2166	-
Italy	112	-
Latvia	+371 67042473	-
Liechtenstein	112	-
Lithuania	+370 5 236 20 52 / +370 687 53378	http://www.tox.lt/
Luxembourg	112	-
Malta	112	-
Netherlands	(+31) 030-2748888	-
Norway	(+42) 2259 1300	-
Poland	112	-
Portugal	0808 250 143	-
Romania	112	-
Slovakia	(+421) 2 54 774 166	-
Slovenia	112	-
Spain	+ 34 91 562 04 20	-
Sweden	112	-
Switzerland	145	-
United Kingdom	111	-

SECTION 2 – HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Biocidal detergent mixture. Product-types 02 and 04.

In compliance with EC regulation No. 1272/2008 and its amendments.

No labelling requirements for this mixture.

2.3. Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) as defined by criteria of article 57 and as per article 59 of REACH (Regulation EC No.1907/2006) at concentration $\geq 0.1\%$ - list published by the European Chemicals Agency (ECHA): (<http://echa.europa.eu/fr/candidate-list-table>).

The mixture does not contain any PBT or vPvB substances as defined in annex XIII of the REACH regulation EC No.1907/2006.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable (mixture).

3.2. Mixtures

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

SECTION 4 – FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing if the victim is unconscious.

4.1. Description of first aid measures

In the event of splashes or contact with eyes	In case of contact with eyes, remove contact lenses if present and rinse the eye slowly and gently with clean water.
In the event of swallowing	Seek medical attention, showing the label. Immediately call a POISON CENTER or a doctor/physician. Have product container of label at hand

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

No data available.

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

No data available.

SECTION 5 – FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction	In the event of a fire, use: - sprayed water or water mist - foam - dry powder - carbon dioxide (CO ₂) Do not use in case of electrical risks.
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5.2. Special hazards arising from the substance or mixture

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult safety advice of sections 7 and 8.

For first aid worker	First aid workers will be equipped with suitable personal protective equipment (See section 8).
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6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

100% biodegradable mixture. Obviously, avoid direct release of product in the sewage or the environment.

6.3. Methods and material for containment and cleaning up

Pure product spilled on the floor can make it slippery

Clean preferably with water.

6.4. Reference to other sections

No data available.

SECTION 7 – HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Insure an adequate ventilation, especially in the closed places.

Fire prevention	Prevent access by unauthorised personnel. Manipulate in well-ventilated zones.
Recommended equipment and procedures	For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations. The begun packaging must be carefully closed and kept in vertical position.
Prohibited equipment and procedures	Do not drink/eat during the use of the product.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in original packaging.

Keep out of reach of children.

Avoid: cold, frost, heat, exposure to direct sunlight.

Biocidal product: Keep the well-closed container in a dry and well-ventilated place, shielded from the frost.

7.3. Specific end use(s)

No data available

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available

8.2. Exposure controls

Suitable technical inspections	No data available.
Personal protection measures, such as personal protective equipment	Do not eat, drink or smoke during the use of the product. Insure an adequate ventilation, especially in the closed places.
Eye / face protection	Avoid contact with eyes.
Body protection	In case of spatters on the skin, rinse with water.

8.3. Exposure controls linked to environmental protection

No data available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state	Fluid liquid
Odor	N/A
Color	Colourless to pale yellow

Important health, safety and environmental information:

pH	2.60 ± 0.5 Slightly acidic
Boiling point/boiling range	Not specified
Flash point interval	Not relevant
Vapour pressure (50°C)	Not relevant
Relative density	1.00 ± 0.02
Solubility	Dilutable in water
Viscosity	< 150 mPa.s
Melting point/melting range	Not specified
Self-ignition temperature	Not specified
Decomposition point/decomposition range	Not specified

9.2. Other information

No data available

SECTION 10 – STABILITY AND REACTIVITY

10.1. Reactivity

No reactivity hazards known under normal storage and use conditions

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4. Conditions to avoid

Avoid:

- frost
- heat
- cold

10.5. Incompatible materials

Do not mix with other products.

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No data available.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

No toxicological data available for the mixture.

SECTION 12 – ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

The surfactants contained in this preparation respect completely the criteria of biodegradability defined by the regulation n° 648/2004 concerning cleaning products (> 60% ultimate biodegradability according to OCDE 301B).

12.3. Bioaccumulative potential

Non-bioaccumulable mixture.

12.4. Mobility in soil

Strong mobility in the ground.

12.5. Results of PBT and vPvB assessment

Non-persistent mixture.
Non-bioaccumulable mixture.
Non-toxic mixture.

12.6. Other adverse effects

No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Biocidal product: Avoid direct release of the unused product into the sewage system or the environment.

Waste	Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Soiled packaging	Empty completely the container and rinse with water. Keep the label on the container. The container can be then eliminated as a non-hazardous waste. The residual product must be eliminated according to the directive 2008/98/CE. Do not reuse packaging for containing another solution.
Local arrangements	No data available

SECTION 14 – TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1 UN Number

-

14.2. UN proper shipping name

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14.3. Transport hazard class(es)

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14.4. Packing group

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14.5. Environmental hazards

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14.6. Special precautions for user

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SECTION 15 – REGULATORY INFORMATION

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

Classification and labelling information included in section 2	The following regulations have been used: - EU Regulation No. 1272/2008 amended by EU Regulation No. 2017/776 (ATP 10)											
Container information	No data available.											
Labelling for detergents	<ul style="list-style-type: none"> - less than 5 %: anionic surfactants - less than 5 %: nonionic surfactants - disinfectants - perfumes 											
Labelling of biocidal products	<table border="1"> <thead> <tr> <th>Name</th> <th>CAS</th> <th>%</th> <th>Product-type</th> </tr> </thead> <tbody> <tr> <td>LACTIC ACID</td> <td>50-21-5</td> <td>4.22 g/kg</td> <td>02 04</td> </tr> </tbody> </table>	Name	CAS	%	Product-type	LACTIC ACID	50-21-5	4.22 g/kg	02 04	Product-type 2: Disinfectants and algacides not intended for direct application to humans or animals. Product-type 4: Food and feed area.		
Name	CAS	%	Product-type									
LACTIC ACID	50-21-5	4.22 g/kg	02 04									
Particular provisions	No data available.											

15.2. Chemical safety assessment

No data available

SECTION 16 – OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Classification procedure: The mixture has been classified in accordance with the additivity rules defined by Regulation (EC) N° 1272/2008. If certain classification data on the mixture, or bridging principles or weight of evidence have been used, these information will be indicated in the

relevant sections of the Safety Data Sheet (section 9 for the physical and chemical properties, section 11 for the toxicological information, section 12 for the ecological information)

Abbreviations

ADR	European agreement concerning the international carriage of dangerous goods by Road.
IMDG	International Maritime Dangerous Goods.
IATA	International Air Transport Association.
ICAO	International Civil Aviation Organisation
RID	Regulations concerning the International carriage of Dangerous goods by rail.
PBT	Persistent, Bioaccumulative and Toxic.
vPvB	Very Persistent and very Bioaccumulative.
SVHC	Substance of Very High Concern.