

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BLANCO DailyClean+ _Art.-Nr. 526 305

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Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

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

P102 Keep out of reach of children.

P280 Wear eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
79-33-4	L-(+)-Lactic Acid			1 - < 5 %
	201-196-2		01-2119474164-39	
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
5329-14-6	sulfamic acid			1 - < 5 %
	226-218-8			
	Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3; H315 H319 H412			

Full text of H and EUH statements: see section 16.

Further Information

Labelling for contents according to regulation (EC) No. 648/2004:

< 5 % anionic surfactants.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Move victim out of danger zone.

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

After inhalation

Provide fresh air.

Move victim out of danger zone.

After contact with skin

After contact with skin, wash immediately with: Water.

Remove contaminated, saturated clothing immediately.

In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

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

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet / alcohol resistant foam / Carbon dioxide (CO₂) / Dry extinguishing powder / Extinguishing powder

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

Gas/vapours, harmful.

Gas/vapours, irritant.

Nitrogen oxides (NO_x)

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Do not inhale explosion and combustion gases.

Use water spray jet to protect personnel and to cool endangered containers.

Additional information

Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Contaminated fire-fighting water must be collected separately.

Do not allow to enter into soil/subsoil.

Do not allow to enter into surface water or drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7

Wear personal protection equipment (refer to section 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Read label before use.

When using do not eat, drink or smoke.

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Notice the directions for use on the label.

Advice on protection against fire and explosion

No special precautionary measures are necessary.

Further information on handling

Notice the directions for use on the label.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Protect from sunlight.

Protect against: Frost

Keep away from heat.

7.3. Specific end use(s)

Cleaning agent, acidic

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.

Eye/face protection

If risk of splashing tight fitting goggles.

Hand protection

Hand protection is not required

Skin protection

Body protection: not required.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	cloudy
Odour:	product-specific
pH-Value (at 20 °C):	2-2,5

Changes in the physical state

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Melting point:	not relevant
Initial boiling point and boiling range:	100 °C
Sublimation point:	not relevant
Softening point:	not relevant
Pour point:	not relevant
:	not relevant
Flash point:	not relevant
Sustaining combustion:	No data available
Flammability	
Solid:	not relevant
Gas:	not relevant
Explosive properties	
not Explosive.	
Lower explosion limits:	not relevant
Upper explosion limits:	not relevant
Ignition temperature:	not relevant
Auto-ignition temperature	
Solid:	not relevant
Gas:	not relevant
Decomposition temperature:	not relevant
Oxidizing properties	
not oxidizing.	
Vapour pressure:	not relevant
Vapour pressure:	not relevant
Density (at 20 °C):	not relevant
Bulk density:	not relevant
Water solubility:	easily soluble
Solubility in other solvents	
not relevant	
Partition coefficient:	not relevant
Viscosity / dynamic:	not relevant
Viscosity / kinematic:	not relevant
Flow time:	not relevant
Vapour density:	not relevant
Evaporation rate:	not relevant
Solvent separation test:	not relevant
Solvent content:	not relevant
9.2. Other information	
Solid content:	not relevant
non-flammable	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known hazardous reactions.

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10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Offering protection against frost.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
79-33-4	L-(+)-Lactic Acid					
	oral	LD50 mg/kg	3543	rat	ECHA	OECD 401
	dermal	LD50 mg/kg	> 2000	rabbit	ECHA	
5329-14-6	sulfamic acid					
	oral	LD50 mg/kg	3160	Rat		

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
79-33-4	L-(+)-Lactic Acid					
	Acute fish toxicity	LC50	320 mg/l	96 h	Brachydanio rerio	MSDS OECD 203
	Acute algae toxicity	ErC50	3500 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201
	Acute crustacea toxicity	EC50	250 mg/l	48 h	Daphnia magna	MSDS OECD 202
	Algae toxicity	NOEC	1900 mg/l	3 d		ECHA
	Crustacea toxicity	NOEC	180 mg/l	2 d		ECHA
5329-14-6	sulfamic acid					
	Acute fish toxicity	LC50	70,3 mg/l	96 h	Pimephales promelas	

12.2. Persistence and degradability

The surfactant contained in this mixture complies 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.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
79-33-4	L-(+)-Lactic Acid	-0,62

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

There are no data available on the mixture itself.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process. Dispose of waste according to applicable legislation.

Contaminated packaging

Completely emptied packings can be re-cycled.
Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

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Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No-one

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.

Further Information

The processing and application notes are on the technical leaflets to the products. The details are based on today's stand of our knowledge, they don't represent any assurance of product qualities, however, and don't justify any contractual facts of the case.

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)