
SAFETY DATA SHEET

prepared according to z COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010
amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration,
Evaluation, Authorisation and Restriction of Chemicals (REACH)
(Official Journal of the European Union L 133 of 31.5. 2010)

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1. Product identifier *Constructive Academy / Constructive Microbes®*
2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Soap for manual and tunnel carwash

Uses advised against: not determined.

- 3.
4. Details of the supplier of the safety data sheet

Supplier:

Constructive Academy, Carrer Platja 7, 07560 Cala Millor, Islas Baleares,
Correos Apdo. 004.

e-mail address of the person responsible for the safety data sheet: service@constructive-academy.com

5. Inquiry email address

Inquiry email address: service@constructive-academy.com

Prepared on: 12.04.2024

SECTION 2: HAZARDS IDENTIFICATION

5. Classification of the mixture
Not classified and labelled according to binding regulations.
No hazards for human health and the environment if used properly.

Hazards for human health:

None known.

Hazards for the environment:

No hazards for the environment if used properly.

Adverse physicochemical effects:

None adverse physicochemical effects are known.

2. Label elements

LABEL

Not required

Risk phrases
and indications of danger:

Not required.

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Safety advice

Not required.

3. Other hazards

The mixture does not meet the criteria for PBT i vPvB.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

4. Mixture

Product identifier: Constructive Academy / Constructive Microbes ®

~~Does not contain ingredients classified as presenting hazard according to binding regulations, or ingredients for which hygienic standards (NDS) are given.~~

SECTION 4: FIRST AID MEASURES

1. Description of first aid measures

Inhalation: Walk out or move out the exposed individual from the area, lay down in a comfortable reclined or sitting position, prevent warm loss. Provide medical attention if necessary.

Skin exposure: Immediately rinse with large quantity of water, remove contaminated clothing, wash the skin with large quantity of water with soap. Consult the doctor if necessary.

Eyes exposure: Immediately rinse with large quantity of lukewarm water, preferably running, for at least 15 minutes. Remove contact lenses. Avoid strong water jet with regard to the risk of mechanical cornea injury. If the irritation remains, consult an ophthalmologist.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth with water, then drink large quantity of water. Consult the doctor if necessary.

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

Direct contact may cause slight eyes and skin irritation.

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

No special recommendations. Treatment should be symptomatic.

SECTION 5: FIREFIGHTING MEASURES

1. Extinguishing media

Suitable extinguishing media:

The product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Containers out of fire should be cooled with water spray.

Unsuitable extinguishing media:

All fire-extinguishing media are permitted.

2. Special hazards arising from the mixture

None known.

3. Advice for fire-fighters

Use protective gas-tight clothing and self-contained breathing apparatus. Containers expose to fire should be cooled with water spray from safe distance; if possible, remove containers from endangered area.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

4. Personal precautions, protective equipment and emergency procedures
Wear protective clothing made of natural materials (cotton) or synthetic fibre, rubber gloves. If the product is spilled, the floor may be slippery. In this connection floor should be washed with large quantity of water.
 2. Environmental precautions
The product is environmentally safe and can be discharged into drains, water courses and basins.
 3. Methods and material for containment and cleaning up
If the product is spilled, it should be rinsed with large quantity of water.
 4. Reference to other sections
Removing according to indications described in Section 13 of this safety data sheet.
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SECTION 7: HANDLING AND STORAGE

5. Precautions for safe handling
It is recommended to avoid skin and eye contact while working with the mixture. Do not eat, drink or smoke while using the mixture. Wash hands during breaks and after shifts. Put off contaminated clothing and wash before the next wear.
 2. Conditions for safe storage, including any incompatibilities
Keep tightly closed in original containers in dry storage in the temperature range from 5 °C to < 50 °C.
 3. Specific end use(s)
No information of uses other than described in Section 1.2.
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SECTION 8: EXPOSURE CONTRL / PERSONAL PROTECTION

4. Control parameters

<u>Ingredient</u>	<u>CAS No</u>	<u>Standard</u>	<u>Value</u>	<u>Unit</u>
No standards.				
 2. Exposure control
 - 2.1. *Appropriate engineering controls*
Use a proper general ventilation in the room. Do not eat, drink or smoke while using the mixture.
 - 2.2. *Individual protection measures, such as personal protective equipment*

Respiratory system:	While proceeding properly respiratory protection is not required.
Hands and skin:	While handling with large amounts of the product wear protective clothing made of natural materials (cotton) or synthetic fibre, rubber gloves.
Eyes:	Eye protection is not required.
 - 2.3. *Environmental exposure controls*
Not required.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

3. Information on basic physical and chemical properties
 - a) Appearance
Non-transparent emulsion.
 - b) Odour
Slight odour of ammonia
 - c) Odour threshold
No data available.
 - d) pH
7 – 8
 - e) Melting point/freezing point
ca. 0 °C
 - f) Initial boiling point and boiling range
100 °C
 - g) Flash point
Product is incombustible.
 - h) Evaporation rate
Negligible.
 - i) Flammability
The mixture is incombustible.
 - j) Upper/lower flammability or explosive limits
Non applicable (the mixture does not present explosion hazard)
 - k) Vapour pressure
17.5 mmHg at 21 °C
 - l) Vapour density
No data available.
 - m) Relative density
1.02 (water = 1)
 - n) Solubility
Forms emulsion in water.
 - o) Partition coefficient: n-octanol/water
No data available.
 - p) Auto-ignition temperature
Product is incombustible.
 - q) Decomposition temperature
No data available.
 - r) Viscosity
No data available.
 - s) Explosive properties
Does not present explosion hazard.
 - t) Oxidising properties
None known.
 2. Other information
None known.
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SECTION 10: STABILITY AND REACTIVITY

3. Reactivity
No reactivity if stored and handled appropriately.

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2. **Chemical stability**
The mixture is stable in normal usage and storage conditions.
 3. **Possibility of hazardous reactions**
None known.
 4. **Conditions to avoid**
None known.
 5. **Incompatible materials**
None known.
 6. **Hazardous decomposition products**
None known.
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SECTION 11: TOXICOLOGICAL INFORMATION

7. **Information on toxicological effects**
Acute toxicity:
Based on data available, classification criteria are not met.
Irritant/corrosive effects:
Based on data available, classification criteria are not met.
Allergic effects:
Based on data available, classification criteria are not met.
STOT-repeated exposure:
Based on data available, classification criteria are not met.
Carcinogenicity:
Based on data available, classification criteria are not met.
Mutagenicity:
Based on data available, classification criteria are not met.
Reproductive toxicity:
Based on data available, classification criteria are not met.
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SECTION 12: ECOLOGICAL INFORMATION

8. **Toxicity**
Based on data available, classification criteria are not met.
 2. **Persistence and degradability**
No data available.
 3. **Bioaccumulative potential**
Bioaccumulation does not occur.
Octanol-water partition coefficient (Kow): Not determined for the mixture.
Bioconcentration factor (BCF): Not determined for the mixture.
 4. **Mobility in soil**
No data available.
 5. **Results of PBT and vPvB assessment**
The mixture does not meet PBT and vPvB criteria.
 6. **Other adverse effects**
No adverse effects on water in sewage system or water basins.
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SECTION 13: DISPOSAL CONSIDERATIONS

7. Waste treatment methods

Not hazardous for subsoil or surface waters.

Reusable packaging, thoroughly emptied and cleaned, may be reuse. Non-reusable packaging (thoroughly emptied) should be disposed on municipal disposal site or recycle.

SECTION 14: TRANSPORT INFORMATION

ADR/RID, IMDG, IATA

8. The UN Number

Non applicable

2. UN proper shipping name

Non applicable

3. Transport hazard class(es)

Non applicable

4. Packing group

Non applicable

5. Environmental hazards

The product is not environmentally hazardous according to criteria determined in UN Model Regulations.

6. Special precautions for user

No specific precautions.

7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non applicable

SECTION 15: REGULATORY INFORMATION

1. Safety, health and environmental regulations specific for the mixture

Act of 11 January 2001 on chemical substances and preparations (JL 2001 No 11, p. 84 as amended)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 - (OJ L 353, 31.12.2008)

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Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures - (OJ L 235, 5.9.2009)

Minister of Health Regulation of 10 August 2012 on criteria and classification methods concerning chemical substances and their mixtures (JL 2012 No175, p.1018).

Minister of Economy Regulation of 21 December 2005 on basic requirements for personal protective equipment (JL 2005 No 259, p. 2173).

Minister of Labour and Social Policy Regulation of 29 November 2002 on threshold limit values of adverse health agents in work environment (JL 2002 No 217, p. 1833 as amended)

Minister of Economy and Labour Regulation of 10 October 2005 changing regulation on threshold limit values of adverse health agents in work environment (JL 2005 No 212, p. 1769)

Minister of Health Regulation of 2 February 2011 on studies and measurements of adverse health agents in work environment (JL 2011 No 33, p. 166)

Minister of Health Regulation of 30 December 2004 on occupational safety and health related to the presence of chemical agents in work environment (JL 2005 No 11, p. 86)

Act of 19 August 2011 on road transport of dangerous goods (JL 2011 No 227, p. 1367)

Government Statement of 26 July 2005 on entry into force of changes of Amendments A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) launched in Geneva on 30 September 1957 (Dz. U. nr 178, poz. 1481, 2005 as amended).

Act of 14 December 2012 on wastes (JL 2013. p. 21)

Act of 11 May 2001 on packaging and packaging wastes (JL 2001 No 63, p. 638)

Minister of Environment Regulation of 27 September 2001 wastes register (JL 2001 No 112, p. 1206).

Act of 29 July 2005 on changing Act on wastes and some other Acts (JL 2005 No 175, p. 1458).

Minister of Health Regulation of 20 April 2012 on labelling packaging for dangerous substances and mixtures and some other mixtures (JL 2012 p. 445)

REGULATION (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. (OJ L 396, 30.12.2006)

2. Chemical safety assessment

The supplier has not carried out chemical safety assessment for the mixture.

SECTION 16: OTHER INFORMATION

Information included in this safety data sheet, took from the mixture sheet delivered by the producer, were elaborated and verified at **Industrial Chemistry Research Institute (ICRI) in Warsaw**.

The objective of the information in this safety data sheet document is to deliver the product description solely for safety purposes. The user is responsible for ensuring conditions for safe usage of the product and this is the user that takes responsibility for the results of inappropriate usage of this product.

Abbreviations:

vPvB - very Persistent and very Bioaccumulative

PBT - Persistent, Bioaccumulative, and Toxic

LD₅₀ – median Lethal Dose – the point where 50% of test subjects exposed would die

BCF - Bioconcentration Factor – the accumulation of a chemical in or on an organism when the source of chemical is solely water

ADR – Agreement on Dangerous Goods by Road

RID – Regulations Concerning the International Transport of Dangerous Goods by Rail

IMDG – International Maritime Dangerous Goods Code

IATA – International Air Transport Association

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CAS – registry number of a chemical compound in Chemical Abstracts Service Registry System
WE – reference number used in UE for identification hazardous substances, especially those listed in
European Inventory of Existing Chemical Substances (EINECS) or European List of Notified Chemical Substances
(ELINCS) or register of chemical substances in the publication *No-longer polymers*
UN number – four-digit number that identifies hazardous substance and articles in UN register of dangerous goods
form UN Model Regulations