

SAFETY DATA SHEET

(in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200))



Balmes 245, 6ª Planta. 08006 Barcelona
Tel. 34 932 380 094 - Fax. 34 932 181 773
www.quimivita.com

Version: 2
Revision date: 1/22/2023

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Section 1: Identification.

Product identifier used on the label and Other means of identification.

Product Name: VITA SOFT PEEL
Product Code: VT020PR
Chemical Name: Succinic acid {1,2-Ethanedicarboxylic acid}
CAS No: 110-15-6
EC No: 203-740-4

Recommended use of the chemical and restrictions on use.

COSMETIC INDUSTRY

Specific end use(s).

Not available.

Uses advised against:

Uses other than those recommended.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party.

Company: QUIMIVITA, S.A
Address: Balmes, 245 - 6ª Planta
City: 08006 - 08006 Barcelona
Province: Barcelona
Telephone: +34 932.380.094
Fax: +34 932.181.773
E-mail: quimivita@quimivita.com
Web: www.quimivita.com

Emergency phone number: (Monday-Thursday; 08:30-17:30)

Section 2: Hazard(s) Identification.

Classification of the chemical in accordance with paragraph (d) of §1910.1200

In accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200):

Serious eye damage, Category 1 : Causes serious eye damage.

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200.

Symbol(s):



Signal Word:

Danger

Hazard statement(s):

H318 Causes serious eye damage.

Precautionary statement(s):

P280 Wear protective gloves/protective clothing/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.

P310 Immediately call a POISON CENTER/doctor/...

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Other hazards.

The product may have the following additional risks:

May form explosible dust-air mixture if dispersed.

Section 3: Composition/Information on Ingredients.

Substances.

Mono-constituent.

Chemical Name:	Succinic acid {1,2-Ethanedicarboxylic acid}
CAS No:	110-15-6
CE No:	203-740-4

Mixtures.

Not Applicable.

Section 4: First-Aid Measures.

Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Do not let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

Most important symptoms and effects, both acute and delayed.

Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Contact with eyes may cause irreversible damage.

Indication of any immediate medical attention and special treatment needed.

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

Section 5: Fire-Fighting Measures.

The product does not present any particular risk in case of fire.

Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

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Special hazards arising from the substance.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

Section 6: Accidental Release Measures.

Personal precautions, protective equipment, and emergency procedures.

For exposure control and individual protection measures, see section 8.

Environmental precautions: Product not classified as hazardous for the environment, avoid spillage as much as possible.

Methods and materials for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

Reference to other sections: for exposure control and individual protection measures, see section 8, for later elimination of waste, follow the recommendations under section 13.

Section 7: Handling and Storage.

Precautions for safe handling.

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

Conditions for safe storage, including any incompatibilities.

Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidizing agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

Section 8: Exposure Controls/Personal Protection.

8.1 Control parameters.

The product does NOT contain substances with Professional Exposure Environmental Limit Values. The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Succinic acid {1,2-Ethanedicarboxylic acid} CAS No: 110-15-6 EC No: 203-740-4	DNEL (Workers)	Inhalation, Chronic, Local effects	10 (mg/m ³)
	DNEL (Workers)	Inhalation, Chronic, Systemic effects	10 (mg/m ³)

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DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %		
Uses:	COSMETIC INDUSTRY		
Breathing protection:			
PPE:	Particle filter mask		
Characteristics:	«CE» marking, category III. Made of filtering material, it covers nose, mouth and chin.		
Maintenance:	Check for any tears, defects, etc. before use. Since it is disposable individual protection equipment, it should be replaced after use.		
Observations:	Does not protect worker unless properly adjusted. Follow the manufacturer's instructions regarding suitable use of the equipment.		
Filter Type needed:	P2		
Hand protection:			
PPE:	Work gloves.		
Characteristics:	«CE» marking, category I. Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible.		
Maintenance:	Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.		
Observations:	Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.		
Material:	PVC (polyvinyl chloride)	Breakthrough time (min.):	> 480
		Material thickness (mm):	0,35
Eye protection:			
PPE:	Protective goggles against particle impacts.		
Characteristics:	«CE» marking, category II. Eye protector against dust and smoke.		
Maintenance:	Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions.		
Observations:	Some signs of wear and tear include: yellow colouring of the lenses, superficial scratching of the lenses, scraping etc.		
Skin protection:			
PPE:	Protective clothing.		
Characteristics:	«CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.		
Maintenance:	In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer. The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.		
Observations:			
PPE:	Work footwear.		
Characteristics:	«CE» marking, category II.		
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.		
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident		

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Section 9: Physical and Chemical Properties.

Information on basic physical and chemical properties.

Appearance: WHITE CRYSTALLINE POWDER

Colour: WHITE

Odour: ODORLESS

Odour threshold: N.A./N.A.

pH: N.A./N.A.

Melting point/freezing point: 188 °C

Initial boiling point or boiling range: 235 °C

Flash point: 151,1 °C

Evaporation rate: N.A./N.A.

Flammability (solid, gas): N.A./N.A.

Lower Explosive Limit: 2,6

Upper Explosive Limit: 14,4

Vapour pressure: N.A./N.A.

Vapour density: N.A./N.A.

Relative density: 1,57

Solubility: WATER SOLUBLE

Liposolubility: N.A./N.A.

Hydrosolubility: 83000 mg/L (25°C)

Partition coefficient (n-octanol/water): -59

Auto-ignition temperature: > 220 °C

Decomposition temperature: N/A/N.A

Viscosity: N/A/N.A

Other information.

Explosive properties: Non explosive

Oxidizing properties: Non oxidizing

Pour point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

N.A./N.A. = Not Applicable/Not available

Section 10: Stability and Reactivity.

Reactivity.

The product does not present hazards by their reactivity.

Chemical stability.

Unstable in contact with:

- Acids.
- Bases.
- Oxidizing agents.

Possibility of hazardous reactions.

At high temperatures can occur pyrolysis and dehydrogenation.

In certain conditions this may cause a polymerization reaction.

Conditions to avoid.

Avoid the following conditions:

- Heating.
- High temperature.
- Contact with incompatible materials.

Incompatible materials.

Avoid the following materials:

- Acids.
- Bases.
- Oxidizing agents.

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Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:

- COx (carbon oxides).
- Organic compounds.

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

Section 11: Toxicological Information.

Information on toxicological effects.

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information.

Name	Acute toxicity			
	Type	Test	Kind	Value
Succinic acid {1,2-Ethanedicarboxylic acid} CAS No: 110-15-6 EC No: 203-740-4	Oral	LD50	Rta	6740 mg/kg [1]
		[1] Fuente: ECHA - Dossier de Registro		
	Dermal			
	Inhalation	LC50	Rata	1284 mg/m3 [1]
		[1] Fuente: ECHA -Dossier de registro		

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Not conclusive data for classification.

c) serious eye damage/irritation;

Product classified:

Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation;

Not conclusive data for classification.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Not conclusive data for classification.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

Substances present in the composition listed in the National Toxicology Program (NTP) Report on Carcinogens (RoC):

This product does not contain substances listed in the National Toxicology Program (NTP) Report on Carcinogens (RoC).

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Substances present in the composition listed in the International Agency for Research on Cancer (IARC) Monographs:

This product does not contain substances listed in the International Agency for Research on Cancer (IARC) Monographs.

Section 12: Ecological Information.

Ecotoxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
Succinic acid {1,2-Ethanedicarboxylic acid}	Fish	LC50	Peces	> 100 mg/L (96 H.) [1]
		[1] Fuente: ECHA - Dossier de Registro		
	Aquatic invertebrates	EC50	Daphnia magna	> 100 mg/l (48 H.) [1]
CAS No: 110-15-6 EC No: 203-740-4		[1] Fuente: ECHA - Dossier e Registro		
	Aquatic plants	EC50	Algas	> 100 mg/l [1]
		[1] Fuente : ECHA - Dossier de Registro		

Persistence and degradability.

No information is available regarding the biodegradability

No information is available on the degradability

No information is available about persistence and degradability of the product.

Bioaccumulative potential.

Information about the bioaccumulation.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Succinic acid {1,2-Ethanedicarboxylic acid}	-5.9	-	-	Very low
CAS No: 110-15-6 EC No: 203-740-4				

Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

Other adverse effects.

No information is available about other adverse effects for the environment.

Section 13: Disposal Considerations.

Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of the Resource Conservation and Recovery Act (RCRA) and the Resource Conservation and Recovery Act Information (RCRAInfo) regarding waste management.

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Section 14: Transport Information.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

In accordance with DOT

Not Dangerous Good.

Regulations Concerning the International Carriage of Dangerous Goods by Road (ADR)

Not Dangerous Good.

Section 15: Regulatory Information.

Safety, health and environmental regulations specific for the product.

VVOC content (p/p): 0 %

VVOC content: 0 g/l

VOC content (p/p): 100 %

VOC content: 1570 g/l

SVOC content (p/p): 0 %

SVOC content: 0 g/l

VVOC: Very volatile organic compounds.

VOC: Volatile organic compounds.

SVOC: Semi volatile organic compounds.

Information on the TSCA Inventory (Toxic Substances Control Act) USA:

CAS No	Name	State
110-15-6	Succinic acid {1,2-Ethandedicarboxylic acid}	Registered8

The product is not affected by the procedure established by the Rotterdam Convention, concerning the export and import of dangerous chemicals.

The Superfund Amendments and Reauthorization Act (SARA).

SARA Title III and it sets requirements for local and state emergency planning around hazardous chemicals, the right of the public to access information on chemical hazards in their community, and the reporting responsibilities for facilities that use, store, and / or release hazardous chemicals.

SARA Title III has four provisions (any facility with responsibilities under one section will likely have additional responsibilities under another section, consult SARA for more information):

- Emergency Planning (Sections 301-303)
- Emergency Release Notification (Section 304)
- Hazardous Chemical Storage Reporting Requirements (Section 311-312)
- Toxic Chemical Release Inventory (Section 313)

Information related to the product:

Section 302, Extremely Hazardous Substances (EHSs)(40 CFR part 355 Appendix A and Appendix B) and section 304, in the event of an accidental chemical release that exceeds minimal Reportable Quantity (RQ):

Not Applicable.

Section 311, Requires facilities with hazardous chemicals in quantities above certain thresholds (consult OSHA for more information) to provide copies of the SDSs for those chemicals to the State Emergency Response Commission (SERC), Local Emergency Planning Committee (LEPC) and local fire department.

Section 312, Companies with chemicals in sufficient quantities to trigger obligations under Section 311 must also submit an annual emergency and hazardous chemical inventory form to the State Emergency Response Commission (SERC), Local Emergency Planning Committee (LEPC) and local fire department

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Section 313, requires facilities with 10 or more employees that use certain toxic chemicals in quantities above threshold levels to report annually on the use, release and disposal of those chemicals, substances identified in section 3:

Not Applicable.

Visit the EPA's website for the most up-to-date information on EPCRA and other environmental considerations.

Proposition 65 warnings

Information related to The Safe Drinking Water and Toxic Enforcement Act of 1986, (better known by its original name of Proposition 65):

There are no substances in section 3 present in the list of chemicals that can cause cancer, birth defects or other reproductive harm (Proposition 65 List).

Section 16: Other Information.

Classification codes:

Eye Dam. 1 : Serious eye damage, Category 1

- Changes in the information of the supplier (SECTION 1.3).
- Modification of specific hazards (SECTION 2.3).
- Modification in the firefighting measures (SECTION 5.2).
- Modifications in the accidental release measures (SECTION 6.1).
- Modification in the values of the physical and chemical properties (SECTION 9).
- Addition of ecotoxicity values (SECTION 11.1).
- Change in the hazard classification (SECTION 11.1).
- Addition of ecological information values (SECTION 12.1).
- Addition of ecological information values (SECTION 12.3).
- Modification of the classification ADR/IMDG/ICAO/IATA/RID (SECTION 14).
- Addition of abbreviations and acronyms (SECTION 16).

Classification and procedure used to derive the classification for mixtures according to The Hazard Communication Standard (HCS) (29 CFR 1910.1200):

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

BCF:	Bioconcentration factor.
DMEL:	Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
DNEL:	Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
EC50:	Half maximal effective concentration.
PPE:	Personal protection equipment.
LC50:	Lethal concentration, 50%.
LD50:	Lethal dose, 50%.
NOEC:	No observed effect concentration.

Key literature references and sources for data:

The Hazard Communication Standard (HCS) (29 CFR 1910.1200)

United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

<https://www.osha.gov>

<https://www.epa.gov/>

<http://echa.europa.eu/>

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The information given in this Safety Data Sheet has been drafted in accordance with The Hazard Communication Standard (HCS) (29 CFR 1910.1200) and United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Employers must ensure that the SDSs are readily accessible to employees for all hazardous chemicals in their workplace.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.