



SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Product name: COLA VINÍLICA TACSA

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

Relevant identified uses: Adhesive.

1.3 Details of the supplier of the Safety Data Sheet

TECNOLOGÍA ARGENTINA EN CINTAS S.A. (TACSA)

Av. Felipe Pastre 1790, (B1686HRD) Hurlingham, Buenos Aires, Argentina.

P: +54 11 7700 1900 - Web: www.tacsa.com.ar

1.4 Emergency telephone number

Emergency phone (24 hours): CIQUIME 0800 222 2933 (from Argentina)
+54 11 4552 8747 (other countries)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to the Globally Harmonized System

This product does not meet the criteria for classification in any hazard class according to Globally Harmonized System of Classification and Labelling of Chemicals.

2.2 Label elements

Pictogram: NO SYMBOL
Signal word: NO SIGNAL WORD
Hazard statements:
No hazard statement

Precautionary statements:

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves.

P501 - Dispose of contents and/or container in accordance with national and international regulations.

2.3 Other hazards

There are no other additional hazards of consideration in the classification.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Does not apply.

3.2 Mixtures

Aqueous dispersion of vinyl acetate polymer and special additives.

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures

General advice:	Avoid exposure to the product, taking appropriate protective measures. Get medical advice.
Inhalation:	For those providing assistance, avoid exposure. Use proper protection if necessary. Move victim and get fresh air. Keep calm. If not breathing, give artificial respiration. Get medical advice.
Skin contact:	Wash immediately after contact with soap and water for at least 15 minutes. Remove contaminated clothing and wash before reuse.
Eye contact:	Immediately flush with water for at least 15 minutes, holding eyelids apart to ensure that all eye and lid tissues rinsed. Washing eyes within several seconds is essential to achieve maximum effectiveness. If you have contact lenses, remove them after the first 5 minutes, then continue rinsing eye. Get medical advice.
Ingestion:	DO NOT INDUCE VOMITING. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical advice. If vomiting occurs spontaneously, place victim on side to reduce the risk of aspiration.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: may cause discomfort.

Contact with the skin: can cause irritation or dermatitis in case of prolonged or repeated exposures.

Eye contact: may cause temporary irritation.

Ingestion: May cause nausea, vomiting, and stomach pain.

4.3 Indication of any immediate medical attention and special treatment needed

Medical advice: Provide symptomatic treatment. For more information, contact a Poison Control Center.

SECTION 5 – FIREFIGHTING MEASURES

5.1 Extinguishing media

Use dry chemical, foam, sand or CO₂. Use the product according to surrounding materials. DO NOT USE water jets.

5.2 Special hazards arising from the substance or mixture

NOT FLAMMABLE. The liquid will not ignite easily.

5.3 Advice for firefighters

5.3.1 Firefighting instructions

Spray the packaging with water to avoid ignition or to keep them cool if exposed to excessive heat or fire.

Remove the packages if they have not yet been reached by the flames, and you can do so without risk.

Cool containers with water until the fire has extinguished.

Prevent water used for fire control or dilution from entering watercourses, drains or springs.

5.3.2 Protective clothing

Use SCBA and structural protection clothing for firefighters.

5.3.3 Hazardous combustion products

In case of fire may release irritating and/or toxic fumes and gases, such as carbon monoxide and other substances derived from incomplete combustion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate personnel to a ventilated area.

6.1.2 For emergency responders

Use self-contained breathing apparatus. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it may not be effective in spill situations.

For large spills wear protective clothing against chemicals, which is specifically recommended by the manufacturer. It may provide little or no thermal protection.

Eliminate all ignition sources (no smoking, do not use flares, sparks or flames in immediate area). Evacuate personnel to a ventilated area. Ventilate immediately, especially where product may accumulate. Do not allow reuse of spilled product.

6.2 Environmental precautions

Contain spilled liquid with a dam or barrier. Prevent entry into navigable waterways, sewers, basements or uncontrolled confined areas.

6.3 Methods and material for containment and cleaning up

Contain and recover the liquid when possible. Collect the liquid product with sand, vermiculite, earth or inert absorbent material and then completely clean the affected area. Dispose of the waste properly. Dispose of the water and collected waste in marked containers for disposal as chemical waste.

6.4 Reference to other sections

See Section 8 - Exposure Controls and Personal Protection, and Section 13 – Disposal considerations.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink or smoke during handling. Avoid contact with eyes, skin and clothing. Wash after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:	Store in a clean, dry, well-ventilated area. Protect from sunlight. Keep containers/packages closed. It is recommended to keep the containers closed at temperatures between 5 ° C and 40 ° C. Shelf life of three months.
Packaging materials:	Supplied by the manufacturer.
Incompatibilities:	Keep away from Oxidizing and non-oxidizing mineral acids, azo and diazo compounds, hydrazines, caustics, metals, nitrides, explosives, strong oxidizing agents and strong reducing agents.

7.3 Specific end use(s)

Adhesive.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

CMP (Res. MTESS 295/03):	N/D
CMP-CPT (Res. MTESS 295/03):	N/D
CMP-C (Res. MTESS 295/03):	N/D
TLV-TWA (ACGIH):	N/D
TLV-STEL (ACGIH):	N/D
PEL (OSHA 29 CFR 1910.1000):	N/D
IDLH (NIOSH):	N/D

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Keep workplace ventilated. The normal routine ventilation is usually adequate. Local hoods should be used for operations that produce or release large amounts of product. In low or confined areas should be provided mechanical ventilation. Provide showers and eyewash stations.

8.2.2. Individual protection measures, such as personal protective equipment

Eye and face protection: When necessary, wear safety glasses (complying with EN 166).

Skin protection: When necessary, wear impermeable protective PVC, nitrile or butyl gloves (complying with standards EN 374), clothes and safety footwear resistant to chemicals.

Respiratory protection: When necessary, wear an organic gas or steam (A) respirator. Special attention to oxygen levels in the air should be paid.
If large releases occur, wear self-contained breathing apparatus (SCBA).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Viscous liquid.
Colour:	White.
Odour:	Vinylic.
Odour threshold:	N/D
pH:	4 - 5
Melting point:	N/D
Boiling point:	100°C (212°F)
Evaporation rate:	Not volatile.
Flammability:	The product is not flammable.
Flash point:	Not flammable.
Explosive limits:	N/D
Auto-ignition temperature:	N/D
Decomposition temperature:	N/D
Vapour pressure (20°C):	Negligible.
Vapour density (air=1):	Not volatile.
Relative density (20°C):	1,1 g/cm ³
Solubility (20°C):	Soluble in water.
Partition coefficient (logK _{o/w}):	N/D
Viscosity (cSt, 40°C):	15 000 ± 1000 cP
Henry constant (20°C):	N/D
Explosive properties:	Not explosive. According to column 2 of Annex VII of REACH, this study is not required because: in the molecule no chemical groups are associated with explosive properties.
Oxidizing properties:	According to column 2 of Annex XVII of REACH, this study is not necessary because the substances present in the product, due to their chemical structures, are incapable of reacting exothermically with combustible materials.

9.2 Other information

Other properties: None.

SECTION 10 – STABILITY AND REACTIVITY

10.1. Reactivity

It is not expected that product reactions or decomposition may occur under normal storage conditions. It does not contain organic peroxides. It is not corrosive to metals. Does not react with water.

10.2. Chemical stability

The product is chemically stable and does not require stabilizers.

10.3. Possibility of hazardous reactions

No hazardous polymerization is expected.

10.4. Conditions to avoid

Avoid high temperatures.

10.5. Incompatible materials

Keep away from Oxidizing and non-oxidizing mineral acids, azo and diazo compounds, hydrazines, caustics, metals, nitrides, explosives, strong oxidizing agents and strong reducing agents.

10.6. Hazardous decomposition products

When heated, it may release toxic and irritating vapors. In case of fire, see section 5.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	There is no information about the toxicity of the product, but acute toxicity estimations are presented. ATE-LD50 oral (calc.): > 5000 mg/kg ATE-LD50 der (calc.): > 5000 mg/kg ATE-LC50 inh. (calc.): > 5 mg/l
Skin corrosion / irritation:	Skin irr. (rabbit, estim.): not irritant
Serious eye damage / irritation:	Eye irr. (rabbit, estim.): not irritant
Respiratory or skin sensitization:	Skin sens (Guinea pig, estim.): not sensitising Resp. sens (Guinea pig, estim.): not sensitizing

Carcinogenicity, mutagenicity and reproductive toxicity:

Carcinogenicity: No information is available on any component of this product, present at levels greater than or equal to 0.1%, that is classified as probable, possible or confirmed human carcinogen by IARC (International Agency for Research on Cancer).

Mutagenicity: There are no components of this product, present at a concentration greater than or equal to 0.1%, that classify as mutagens according to the GHS.

Tox. Repr.: There are no components of this product, present at a concentration greater than or equal to 0.1%, that classify as hazardous for reproduction according to the GHS.

Teratogenicity: There are no components of this product, present at a concentration greater than or equal to 0.1%, that classify as a teratogen.

STOT-SE: There are no components of this product, present at a concentration greater than or equal

to 1%, that they classify as toxic to target organs according to the GHS.

STOT-RE: There are no components of this product, present at a concentration greater than or equal to 1%, that they classify as toxic to target organs according to the GHS.

Aspiration: There are no components of this product, present at a concentration greater than or equal to 10%, that classify as toxic by aspiration according to the GHS.

Acute and chronic effects:

Routes of exposure: Inhalation, skin and eye contact.

Inhalation: may cause discomfort.

Contact with the skin: can cause irritation or dermatitis in case of prolonged or repeated exposures.

Eye contact: may cause temporary irritation.

Ingestion: May cause nausea, vomiting, and stomach pain.

SECTION 12 – ECOLOGICAL INFORMATION

12.1. Toxicity

There is no information about the ecotoxicity of the product, but acute toxicity estimations are presented.

ATE-EC50 (fish, calc., 96 h): > 100 mg/l

ATE-EC50 (inv., calc., 48 h): > 100 mg/l

ATE-EC50 (algae, calc., 72 h): > 100 mg/l

ATE-NOEC (fish, calc., 14 d): > 1 mg/l

ATE-NOEC (inv., calc., 14 d): > 1 mg/l

PNEC (water): N/D

PNEC (sea): N/D

PNEC-STP: N/D

12.2. Persistence and degradability

BIODEGRADABILITY (estimated): There is no test data, but the product is not expected to be readily biodegradable.

12.3. Bioaccumulative potential

Log K_{ow} : N/D

BIOCONCENTRATION FACTOR - BCF (OCDE 305): N/D. There are no product data to estimate the bioaccumulation in living organisms or the incidence in the food chain.

12.4. Mobility in soil

HENRY CONSTANT (20°C): N/D

LogKoc: N/D .

12.5. Results of PBT and vPvB assessment

There is no test data, but it is believed that this product does not meet the PBT criteria of Annex XIII of the REACH regulation.

12.6. Other adverse effects

AOX and metal containing: Does not contain organic halogens nor metals.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of excess product and empty containers according to current legislation for the protection of the environment and hazardous waste. Disposal procedure: incineration.

SECTION 14 – TRANSPORT INFORMATION**14.1 Transport by land**

Proper Shipping Name:	NOT CLASSIFIED AS A DANGEROUS GOODS
UN/ID Number:	NOT CLASSIFIED AS A DANGEROUS GOODS
Hazard class:	NOT CLASSIFIED AS A DANGEROUS GOODS
Packing group:	NOT CLASSIFIED AS A DANGEROUS GOODS
Hazard identification number:	NOT CLASSIFIED AS A DANGEROUS GOODS
Excepted and limited quantity:	NOT CLASSIFIED AS A DANGEROUS GOODS
Special provisions:	NOT CLASSIFIED AS A DANGEROUS GOODS

14.2 Air transport (ICAO/IATA)

Proper Shipping Name:	NOT CLASSIFIED AS A DANGEROUS GOODS
UN/ID Number:	NOT CLASSIFIED AS A DANGEROUS GOODS
Hazard class:	NOT CLASSIFIED AS A DANGEROUS GOODS
Packing group:	NOT CLASSIFIED AS A DANGEROUS GOODS
PAX and Cargo Packing instructions:	NOT CLASSIFIED AS A DANGEROUS GOODS
Cargo Packing instructions:	NOT CLASSIFIED AS A DANGEROUS GOODS
ERC:	NOT CLASSIFIED AS A DANGEROUS GOODS
Special provisions:	NOT CLASSIFIED AS A DANGEROUS GOODS

14.3 Sea transport (IMO)**IMDG Code**

Proper Shipping Name:	NOT CLASSIFIED AS A DANGEROUS GOODS
UN/ID N°:	NOT CLASSIFIED AS A DANGEROUS GOODS
Hazard class:	NOT CLASSIFIED AS A DANGEROUS GOODS
Packing group:	NOT CLASSIFIED AS A DANGEROUS GOODS
EMS:	NOT CLASSIFIED AS A DANGEROUS GOODS
Stowage and manipulation:	NOT CLASSIFIED AS A DANGEROUS GOODS
Segregation:	NOT CLASSIFIED AS A DANGEROUS GOODS
Marine pollutant:	NO
Proper Shipping Name:	NOT CLASSIFIED AS A DANGEROUS GOODS

SECTION 15 – REGULATORY INFORMATION

Not dangerous for the ozone layer.

Volatile organic compounds (VOC's): N/D

Regulation

Globally Harmonized System of Classification and Labelling of Chemicals, fifth revised edition, 2013 (GHS 2013 - 'ST / SG / AC 10/30 / Rev.5'). The fifth edition is taken into consideration because it is the one valid for Argentina according to Resolution 801/2015 of the SRT. In any case, the information is contrasted with Revision 7 ('ST / SG / AC 10/30 / Rev.7') and clarification is made if required.

Agreement on Transport of Dangerous Products within the MERCOSUR, MERCOSUR\CMC\DEC N° 2/94. European Agreement on the International Carriage of Dangerous Goods by Road (ADR 2019) and amendments.

Regulations concerning the International Carriage of Dangerous Goods by Rail (RID 2019) and amendments.

International Maritime Dangerous Goods Code (IMDG 2018 - Amendment 39-18), International Maritime Organization (IMO).

IBC Code 2016, IMO, IMO Resolution MSC.369 (93).

Regulations of the International Air Transport Association (IATA 60 ed., 2019) on the transport of dangerous goods by air.

SECTION 16 – OTHER INFORMATION**16.1 Abbreviations and acronyms**

ACGIH: American Conference of Governmental Industrial Hygienists.

AOX: Halogenated organic components

BCF: Bioconcentration factor

CAS: Chemical Abstract Service

EC50: Mean effective concentration

IC50: Mean inhibitory concentration.

LC50: Mean lethal concentration.

LD50: Mean lethal dose

ATE: Acute toxicity estimation

IARC: International Agency for Research on Cancer.

IDLH: Concentration immediately dangerous to life or health.

INSHT: National Institute for Safety and Hygiene at Work.

N/A: the property is not applicable due to the physical, chemical and toxicological characteristics of the product.

DENOMINATION OF GHS CLASSES

Aer.: aerosols

Oxid. Gas: oxidizing gas

Compressed gas: compressed gas

Dissolved gas: dissolved gas

Flam. Gas: flammable gas.

Liquefied Refr. Gas: refrigerated liquefied gas

Liquefied gas: liquefied gas

Oxid. Liquid: oxidizing liquid

N/D: no information available at the time of making the SDS.

NIOSH: National Institute for Occupational Safety and Health

OECD: Organization for Economic Cooperation and Development

PEL: Permissible Exposure Limit.

PNEC: Predicted no-effect concentration

REACH: Registration, Evaluation, Authorization and Restriction of chemical substances and mixtures of the European Union

REL: Recommended Exposure Limit.

GHS: Globally Harmonized System of Classification and Labeling of Chemical Products.

STEL: Short-term Exposure Limit

TLV: Threshold Limit Value

TWA: Time-weighted average

| : Changes with respect to the previous revision.

Skin Corr./Irrit.: Corrosion / skin irritation

Eye Damage/Irrit.: Serious eye damage / eye irritation

Lac.: toxic for reproduction - lactation

Muta.: mutagenicity

Repr.: toxic for reproduction

Sens skin: skin sensitizer

Resp. Sens.: respiratory sensitizer

STOT Rep. Exp.: Specific target organ toxicity - re-

Flam. Liquid: flammable liquid	peated exposure
Pyr. Liq.: pyrophoric liquid	STOT Single Exp.: Specific target organ toxicity - single exposure
Met. Corr.: corrosive for metals	Acute Tox.: Acute toxicity
Org. Perox.: organic peroxide	Aquatic Acute: Hazardous to the aquatic environment - acute hazard
Water React. Flam. Gas: substance reactive with water, which emits flammable gases	Aquatic Chronic: Hazardous to the aquatic environment - chronic danger
Oxid. Solid: oxidizing solid	Ozo.: Dangerous for the ozone layer.
Flam. Solid: flammable solid	
Asp Tox.: aspiration toxicity	
Carc.: carcinogenicity	

16.2 Key literature references and sources for data

International Agency for Research on Cancer (IARC), carcinogen classification.
 European Agreement on the International Carriage of Dangerous Goods by Road (ADR 2019) and amendments.
 Regulations concerning the International Carriage of Dangerous Goods by Rail (RID 2019) and amendments.
 International Maritime Dangerous Goods Code (IMDG 2018 - Amendment 39-18), International Maritime Organization (IMO).
 IBC Code 2016, IMO, IMO Resolution MSC.369 (93).
 Regulations of the International Air Transport Association (IATA 60 ed., 2019) on the transport of dangerous goods by air.

16.3 Classification and procedure used to derive the classification for mixtures

The classification was performed based on chemical analogues and product information compiled by CIQUIME.
 SECTION 2: classification by analogy with other products, and based on product data in CIQUIME database.
 SECTION 9: product data.
 SECTION 11 and 12: calculation of acute toxicity estimation according to GHS, product data and bibliographic data.
 Change's control: v.1 - Adaptation to the GHS.

16.4 Disclaimer

This information only concerns the above mentioned product and is not to be valid for other (s) product (s) or in any process. This safety data sheet provides health and safety information. The information is to our best knowledge, correct and complete. It is given in good faith but without warranty. The product should be used in applications consistent with our product literature. Individuals handling this product should be in-formed of the recommended safety precautions and should have access to this information. For any other use, exposure should be evaluated so that they can implement appropriate handling practices and training programs to ensure safe operations in the workplace.

It remains the user's own responsibility that this information is appropriate and complete for the special use of this product.

Version:	1	Emission date:	January, 2021
Replaces:		Revised:	TECNOLOGÍA ARGENTINA EN CINTAS S.A. (TACSA)
Created:	CIQUIME		