Safety Data Sheet
Miscela adesiva per Ecotrap e Tavole Refill

Safety Data Sheet dated 12/10/2026, version 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name:	Adhesive mixture for ecotrap rats/ecotrap rats plus/ecotrap quadro/quadro box/refill boards mice and rats/book refill/adhesive for fruit trees and customized products
Trade code:	P-02004G40, P-02004G40B, P-02013B, P-02148DIN, P-02031, P-02031DIN, P-02005, P-02005DIN, P-02053, P-02054, P-02019 and customized codes.

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

Recommended use:
Adhesive mixture for the production of adhesive traps for mice and rats and traps for fruit trees.
Product category
PC1 Adhesives, sealants
Uses advised against:
the mixture has to be used for the mentioned application and use.

1.3. Details of the supplier of the safety data sheet

Company:
GEA SRL
Via A. B. Sabin, 31
20019 - Settimo Milanese (MI) - ITALIA
Tel: +39 02 33514890
Fax: +39 02 00665233
Competent person responsible for the safety data sheet:
msds@geaitaly.it

1.4. Emergency telephone number

UK Emergency numbers: 999 or 112

Company emergency telephone number: +39 02 33514890 (available from Monday to Friday from 9 a.m. to 6 p.m., for technical assistance only).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)
The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).
Adverse physicochemical, human health and environmental effects:
No other hazards

2.2. Label elements

The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).
Hazard pictograms:
None
Hazard statements:
None
Precautionary statements:
None
Special Provisions:
None
Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 0.1% - < 0.25%	cyclohexane	Index number: 601-017-00-1 CAS: 110-82-7 EC: 203-806-2 REACH No.: 01-2119463273-41	2.6/2 Flam. Liq. 2 H225 3.10/1 Asp. Tox. 1 H304 3.2/2 Skin Irrit. 2 H315 3.8/3 STOT SE 3 H336 4.1/A1 Aquatic Acute 1 H400 M=1. 4.1/C1 Aquatic Chronic 1 H410 M=1.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide

foam

powder

Water haze

Extinguishing media which must not be used for safety reasons:

High pressure water jets.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

cyclohexane - CAS: 110-82-7

- OEL Type: OEL - TWA: 700 mg/m3, 200 ppm
- OEL Type: TVL-ACGIH - TWA: 344 mg/m3, 100 ppm
- OEL Type: EU - TWA(8h): 700 mg/m3, 200 ppm
- OEL Type: ACGIH - TWA(8h): 100 ppm - Notes: CNS impair

DEU	Deutschland	TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition,published 2018)
ITA	Italia	DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria

		de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos notrabalho - Diário da República, 1.ª série - N.º 111 - 11 de junho de 2018
EU	OEL EU	Direttiva (UE) 2017/2398; Direttiva (UE) 2017/164; Direttiva 2009/161/UE; Direttiva 2006/15/CE; Direttiva 2004/37/CE; Direttiva 2000/39/CE; Direttiva 91/322/CEE.
	TLV-ACGIH	ACGIH 2019

Cyclohexane – CAS: 110-82-7

Country	Type	Long mg/m3	Long ppm	Duration
DEU	AGW	700	200	8h
DEU	MAK	700	200	8h
ESP	VLA	700	200	8h
FRA	VLEP	700	200	8h
GBR	WEL	350	100	8h
ITA	VLEP	350	100	8h
Country	**Type**	**Long mg/m3**	**Long ppm**	**Duration**
ITA	TWA	344	100	8h
EU	IOELV	700	200	8h
	TVL-ACGIH	344	100	8h
USA	PEL	1050	300	8h
USA	REL	1050	300	8h
USA	TLV	344	100	8h

DNEL exposure limit values

cyclohexane - CAS: 110-82-7

Industrial worker: 2016 mg/kg - Exposure: Human Skin - Frequency: Long term, systemic effects - Notes: (Rat)

Industrial worker: 1400 mg/m3 - Exposure: Human Inhalation - Frequency: Short term, systemic effects - Notes: (Fish)

Industrial worker: 700 mg/m3 - Exposure: Human Inhalation - Frequency: Long term, local effects

Industrial worker: 700 mg/m3 - Exposure: Human Inhalation - Frequency: Long term, systemic effects

Industrial worker: 1400 mg/m3 - Exposure: Human Inhalation - Frequency: Short term, local effects

PNEC exposure limit values

c**y**clo**h**e**xane** - CAS: 110-82-7

Target: Fresh water - Value: 0.207 mg/l

Target: Freshwater sediment - Value: 16.68 mg/kg

Target: Seawater - Value: 0.207 mg/l

Target: Sea water sediment - Value: 16.68 mg/l

Target: STP - Value: 3.24 mg/l

Target: Soil - Value: 3.38 mg/kg

Target: Intermittent Release - Value: 0.207 mg/l

8.2. Exposure controls

Eye protection:

Safety glasses.

Protection for skin:

Wear category I professional long-sleeved overalls and safety footwear (ref. Directive Regulation 89/686/EEC and standard EN ISO 20344).

Protection for hands:

Wear protective gloves.

Respiratory protection:

If the limit value of the substance, or of one of the substances in the product, is exceeded (ex. TLV-TWA), we suggest the use of a mask with type A filter, whose class (1,2 or 3) must be chosen according to the use limit concentration (ref. Reg. EN14385). In case of presence of

gases or vapours of different nature and/or gases or vapours with particles (aerosol, fumes, fogs, etc.), it is necessary to use combined filters. The use of respiratory protective devices is necessary in case the adopted technical measures are not sufficient to limit the worker exposure to the considered limit values. The mask protection is limited.
For the right choice of the protective respiratory device consider the EN 529 Regulation.

Thermal Hazards:
None

Environmental exposure controls:
None

Appropriate engineering controls:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Transparent	--	--
Odour:	Slight of glue if not flavoured; characteristic in case flavours were used (banana, hazelnut, black cherry, according to technical specifications)	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.83-0.93@ 20°C	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	Non esplosivo	--	--
Viscosity:	>20.5 mm2/sec (40°C)	--	--
Oxidizing properties:	Non ossidante	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

CYCLOHEXANE: it can react with strong oxidizing agents and liquid nitrogen oxide. It can create explosive mixtures with the air.

10.4. Conditions to avoid

Avoid overheating and any ignition source.

10.5. Incompatible materials

CYCLOHEXANE: natural and butyl rubber, neoprene, chloride of polyvinyl, polyethylene.

10.6. Hazardous decomposition products

By thermal decomposition or in case of fire, gases and vapours, which are potentially harmful to health, can be released.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

Adhesive mixture for Ecotrap and Refill Board

a) Acute toxicity
Not classified
Based on available data, the classification criteria are not met

b) skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met

c) serious eye damage/irritation
Not classified
Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met

e) germ cell mutagenicity
Not classified
Based on available data, the classification criteria are not met

f) Carcinogenicity
Not classified
Based on available data, the classification criteria are not met

g) Reproductive toxicity
Not classified
Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified
Based on available data, the classification criteria are not met

i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met

j) aspiration hazard
Not classified
Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

cyclohexane - CAS: 110-82-7

a) Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Notes: Method equivalent or similar to OECD Guideline 401.
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg - Notes: Method equivalent or similar to OECD Guideline 402.
Test: LC50 - Route: Inhalation - Species: Rat > 5540 ppm - Duration: 4H - Notes: Method equivalent or similar to OECD Guideline 403.

11.2. Information on other hazards

Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Adhesive mixture for Ecotrap and Refill Board
Not classified for environmental hazards
Based on available data, the classification criteria are not met

cyclohexane - CAS: 110-82-7

a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 4.53 mg/l - Duration h: 96 - Notes: Pimephales promelas. Metodo equivalente o similare a OECD Guideline 203.
Endpoint: EC50 - Species: Crustaceans = 0.9 mg/l - Duration h: 48 - Notes: Daphnia magna. Metodo equivalente o similare a OECD Guideline 202.
Endpoint: EC50 - Species: Algae = 3.4 mg/l - Duration h: 72 - Notes: Pseudokircheneriella subcapitata. Metodo equivalente o similare a OECD Guideline 201.

b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Algae = 0.9 mg/l - Duration h: 72 - Notes: Pseudokircheneriella subcapitata. Metodo equivalente o similare a OECD Guideline 201.

12.2. Persistence and degradability

Miscela adesiva per Ecotrap e Tavole Refill
Biodegradability: Readily biodegradable - Duration h: 28 days - %: 77 - Notes: (OECD Guideline 301 F).

cyclohexane - CAS: 110-82-7
Biodegradability: Readily biodegradable - Duration h: 28 days - %: 77 - Notes: % (OECD Guideline 301 F).

12.3. Bioaccumulative potential

cyclohexane - CAS: 110-82-7
Partition coefficient: n-octano/water 3.44 - Notes: 25°C (hansch C, Leo A and Hoekman D, 1995)

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Additional disposal information:

The product wastes have to be considered as special ones, and not dangerous ones. Their disposal must be carried out by an authorized Company, complying with local and national regulations.

Product/packaging (contaminated) waste: it must be submitted to a special treatment, according to the current local, national and/or European legislation.

SECTION 14: Transport information

14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

N.A.

14.6. Special precautions for user

N.A.

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2023/707
Regulation (EU) n. 2023/1434 (ATP 19 CLP)
Regulation (EU) n. 2023/1435 (ATP 20 CLP)
Regulation (EU) n. 2024/197 (ATP 21 CLP)
Regulation (EU) n. 2024/2564 (ATP 22 CLP)
Regulation (EU) n. 2024/2865
Regulation (EU) n. 2025/1222 (ATP 23 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 40

Restrictions related to the substances contained:

Restriction 57
Restriction 75

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1

Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1

Paragraphs modified from the previous revision:

SECTION 9: Physical and chemical properties
SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

Trade name: Cyclohexane

Annex: Exposure scenario

· ***Short title of the exposure scenario*** *Chemicals products for laboratory*
· ***Sector of Use*** *Industrial use.*
· ***Process category***
PROC10 Roller application or brushing
PROC15 Use as laboratory reagent
· ***Environmental release category***
ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
· ***Description of the activities / processes covered in the Exposure Scenario***
See section 1 of the annex to the Safety Data Sheet.
· ***Conditions of use*** *Customary application according to section 1.*
· ***Duration and frequency*** *5 workdays/week.*
· ***Physical parameters***
The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.
· ***Physical state*** *Fluid*
· ***Concentration of the substance in the mixture*** *Raw material.*
· ***Other operational conditions*** *Observe the general safety regulations when handling chemicals.*
· ***Other operational conditions affecting environmental exposure*** *Use only on hard ground.*
· ***Other operational conditions affecting worker exposure***
Avoid contact with the skin.
Take precautionary measures against static discharge.
Keep away from sources of ignition - No smoking.
· ***Risk management measures***
· ***Worker protection***
· ***Organisational protective measures***
Keep good industrial hygiene.
Ensure that activities are executed by specialists or authorised personnel only.
Provide sufficient washing facilities.
Persons, who tend to skin diseases or other hypersensitivity reactions of the skin, should not handle the product.
Work clothes must not consist of textiles that exhibit dangerous melting behaviour in case of fire.
· ***Technical protective measures***
Ensure good ventilation/exhaustion at the workplace.
Provide explosion-proof electrical equipment.
Only handle and refill product in closed systems or under local exhaust.
· ***Personal protective measures***
Avoid contact with the skin.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Neoprene gloves
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Protective gloves
Rubber gloves
Tightly sealed goggles
The usual precautionary measures are to be adhered to when handling chemicals.
Detailed measures on hand protection according to Safety Data Sheet, section 8.
Use suitable respiratory protective device only when aerosol or mist is formed.
Filter A/P2
Use suitable respiratory protective device when high concentrations are present.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Solvent resistant protective clothing
· ***Environmental protection measures***
Avoid release to the environment. Obtain special instructions / refer to Safety Data Sheet.
· ***Water*** *Do not allow to reach sewage system.*
· ***Soil*** *Prevent contamination of soil.*
· ***Notes*** *In case of unintended release of the product: See section 6 of the Safety Data Sheet.*
· ***Disposal measures*** *Ensure that waste is collected and contained.*
· ***Disposal procedures***
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
· ***Waste type*** *Partially emptied and uncleaned packaging*
· ***Exposure estimation***
· ***Worker (dermal)***
The exposure estimation was carried out in accordance with ECETOC TRA.
The calculated value is smaller than the DNEL.
· ***Worker (inhalation)***
The exposure estimation was carried out in accordance with ECETOC TRA.
The calculated value is smaller than the DNEL.
· ***Guidance for downstream users***
Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.