



## Safety Data Sheet

### Adhesive mixture for food moths

Safety Data Sheet dated 19/12/2022, version 4

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

##### 1.1. Product identifier

Mixture identification:

Trade name: Adhesive mixture for food moths

Trade code: P-04077; P-04146DIN; P-04046 and customized codes

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

Recommended use:

Glue pheromone mixture to be used for the coating of the food moth monitoring devices for detecting food moths (*Plodia interpunctella*, *Ephestia kuehniella*, *Ephestia elutella*, *Cadra cautella* and *Cadra figulilella*).

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 dangerous 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 dangerous 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



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No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$   
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:  
None.

#### 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:

All common extinguishing agents are suitable.

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.



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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. Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 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

Occupational exposure limit valid for: Germany

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
White mineral oil (petroleum) 8042-47-5			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
White mineral oil (petroleum) 8042-47-5		5	Exposure limit(s):	4 If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900
DUSTS, NON-SPECIFIC, RESPIRABLE FRACTION			Short Term Exposure Classification:	Category II: substances with a resorptive effect.	TRGS 900
DUSTS, NON-SPECIFIC, RESPIRABLE FRACTION		10	Exposure limit(s):	2	TRGS 900
DUSTS, NON-SPECIFIC, RESPIRABLE FRACTION		1,25	Exposure limit(s):		TRGS 900

### 8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Wear protective gloves.

Respiratory protection:

Not needed for normal use.



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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:	Solid	--	--
Colour:	yellow	--	--
Odour:	Sui generis	--	--
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:	No point of flame until 200 ° C	Pensky Martens closed cup	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	Insoluble	at 20°C (68°F)	--
Solubility in oil:		--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	N.A.	--	--
Relative vapour density:	N.A.	--	--

##### Particle characteristics:

Particle size:	N.A.	--	--
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##### 9.2. Other information

Properties	Value	Method:	Notes
Viscosity:	500-1.100 mPa s	(Brookfield; Apparatus: RV; 100°C (212°F); rot.frequency.: 20 min-1; spindle N.21)	--



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#### 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

None

##### 10.4. Conditions to avoid

Stable under normal conditions.

##### 10.5. Incompatible materials

None in particular.

##### 10.6. Hazardous decomposition products

None.

#### 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 food moths

###### 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:

N.A.

##### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$



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#### SECTION 12: Ecological information

##### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.  
Adhesive mixture for food moths  
Not classified for environmental hazards  
Based on available data, the classification criteria are not met

##### 12.2. Persistence and degradability

N.A.

##### 12.3. Bioaccumulative potential

N.A.

##### 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  $\geq 0.1\%$

##### 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:

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users.

European waste catalogue:

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

#### 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



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#### 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)

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:

No restriction.

Restrictions related to the substances contained:

No restriction.

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

This safety data sheet has been completely updated in compliance to Regulation 2020/878.

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



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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.