

Safety data sheet

according to EC Regulations No 1907/2006 (REACH) and No 453/2010

Printing date 28.01.2015

Revision: 28.01.2015

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

1.1 Product identifier

- Trade name: **RATS AND MICE GLUE**

- Sds code/version: 03/15

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

Adhesive glue for the mechanic trapping of rats and mice

- Application of the substance / the mixture Rats and mice glue

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Zapi S.p.A.

Via Terza Strada, 12

35026 Conselve (Pd)

Italy

Tel. +39 049 9597737 Fax +39 049 9597735

customer.service@zapi.it - www.zapi.it

E-mail address of the competent person responsible for the SDS: techdept@zapi.it

- Further information obtainable from: Tech. dept.

- 1.4 Emergency telephone number: Zapi customer service: tel. +39 049 9597737 (9:00-12:00/14:00-17:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.

R10-52/53: Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS02



GHS07

- Signal word Warning

- Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

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H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280 Wear protective gloves.
 P270 Do not eat, drink or smoke when using this product.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P501 Dispose of contents/container according to local regulations.

- 2.3 Other hazards**- Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
 - **vPvB:** Not applicable.

*** SECTION 3: Composition/information on ingredients****- 3.2 Chemical characterisation: Mixtures**- **Description:** Mixture of substances listed below with nonhazardous additions.**- Dangerous components:**

EC number: 931-254-9	n-hexane  	10-20%
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- **Additional information:** For the wording of the listed risk phrases refer to section 16.*** SECTION 4: First aid measures****- 4.1 Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
 - **After skin contact:**
 If skin irritation continues, consult a doctor.
 In case of skin contact, wipe it off with vegetable oil or suitable solvent.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:**
 Seek immediate medical advice.
 Show the container, label or the safety data sheet of the product.
 - **4.2 Most important symptoms and effects, both acute and delayed**
 No further relevant information available.
 - **4.3 Indication of any immediate medical attention and special treatment needed**
 No further relevant information available.

*** SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
 - **For safety reasons unsuitable extinguishing agents:** Water with full jet
 - **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
 - **5.3 Advice for firefighters**
 - **Protective equipment:** No special measures required.

*** SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**
 Wear protective equipment. Keep unprotected persons away.
 - **6.2 Environmental precautions:**
 Do not allow product to reach sewage system or any water course.
 Inform respective authorities in case of seepage into water course or sewage system.
 Do not allow to enter sewers/ surface or ground water.
 - **6.3 Methods and material for containment and cleaning up:**
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose contaminated material as waste according to item 13.

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Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Prevent formation of vapours
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

* SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from food, drink and animal feedingstuffs.
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

* SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Viscous liquid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.

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- pH-value:	Not determined.
- Change in condition	
Melting point/Melting range:	Not applicable
Boiling point/Boiling range:	Undetermined.
- Flash point:	32 °C
- Flammability (solid, gaseous):	Not applicable.
- Ignition temperature:	
Decomposition temperature:	Not determined.
- Self-igniting:	Product is not selfigniting.
- Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
- Vapour pressure:	Not determined.
- Density at 20 °C:	0.9 g/cm ³
- Relative density	Not determined.
- Vapour density	Not determined.
- Evaporation rate	Not determined.
- Solubility in / Miscibility with water:	Not miscible
- Partition coefficient (n-octanol/water):	Not determined.
- Viscosity:	
Dynamic at 20 °C:	20000 mPas
Kinematic:	Not determined.
- Solvent content:	
Organic solvents:	0.7 %
Solids content:	85.1 %
- 9.2 Other information	No further relevant information available.

* SECTION 10: Stability and reactivity

- **10.1 Reactivity** Under standard handling and storing conditions, the product does not show any dangerous reaction.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

* SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- LD/LC50 values relevant for classification:		
141-78-6 ethyl acetate		
Oral	LD50	5620 mg/kg (rabbit)
Inhalative	LC50/4h	1600 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** Causes skin irritation.

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- **on the eye:** No irritating effects known.
- **Sensitisation:** No sensitising effects known.

* SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

* SECTION 14: Transport information

- 14.1 UN-Number - ADR, IMDG, IATA	UN1993
- 14.2 UN proper shipping name - ADR - IMDG, IATA	1993 FLAMMABLE LIQUID, N.O.S. (ETHYL ACETATE), special provision 640E FLAMMABLE LIQUID, N.O.S. (ETHYL ACETATE)
- 14.3 Transport hazard class(es) - ADR, IMDG, IATA	
	
- Class - Label	3 Flammable liquids. 3
- 14.4 Packing group - ADR, IMDG, IATA	III
- 14.5 Environmental hazards: - Marine pollutant:	No
- 14.6 Special precautions for user - Danger code (Kemler): - EMS Number:	Warning: Flammable liquids. 30 F-E, <u>S-E</u>

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- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
- Transport/Additional information:	
- ADR	
- Limited quantities (LQ)	5L
- Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- Transport category	3
- Tunnel restriction code	D/E
- IMDG	
- Limited quantities (LQ)	5L
- Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- UN "Model Regulation":	UN1993, FLAMMABLE LIQUID, N.O.S. (ETHYL ACETATE), special provision 640E, 3, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Chemical safety assessment** For an appropriate use of the product, follow the indications mentioned in the label.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

- Sources

1. 1999/45/EC Directive, 2006/8/EC Directive and following amendments
2. 67/548/EEC Directive and following amendments
3. 91/155/EEC Directive and following amendments
4. The Merck Index Ed. 10
5. The E-Pesticide Manual 2.1 Version (2001)
6. Regulation (EC) No. 1907/2006 and following amendments

- * **Data compared to the previous version altered.**