

Product name : Eakin Release Adhesive Remover

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1. Identification of the substance/preparation and of the company/undertaking**1.1 Product identifier**

This Information covers the composition of the following products:

- Eakin Release adhesive remover product codes 839023, SE839023, DE839023, JP839023, 839024, JP839024, 839024s, 130360, 130360s, 130460 and any of the above product codes prefixed by SP which denotes a sample of the same item.

1.2 Relevant intended uses of the substances or mixture and uses advised against

Eakin Release adhesive remover is a solution supplied as wipes or aerosol for the removal of Cohesive material from skin.

1.3 Details of the supplier of the safety data sheet**Supplier**

TG Eakin Limited

Street

15 Ballystockart Road

Postal code/city

Comber, BT23 5QY, Northern Ireland

Telephone / Telefax

T+44 2891 871000 F +44 2891 871111

Information Contact

Mark Stinson (E-Mail: Mark.Stinson@eakin.co.uk)

Emergency telephone number

+44 2891 871000 (only at office hours 9:00 - 16:30 GMT)

2. Hazards identification**2.1 Classification of the substance or mixture**

Eakin Release adhesive remover is classified as hazardous under CLP Regulations

- **Hazard classes and hazard categories**
Flam. Liq. 2. Skin Sens. 2. Aquatic Acute 1
- **Physical hazards**
Flammable liquids: Category 2
- **Health hazards**
Sensitisation (Skin): Category 2
- **Environmental hazards**
Acute aquatic toxicity: Category 1

2.2 Label elements**Labelling according to Regulation (EC) No. 1272/2008 (CLP)**

- **Hazard pictograms**



Flammable



Hazardous to the Environment



Serious health hazard



Harmful

- **Signal word**
Warning
- **Hazard statements**
H225
H226

Highly flammable liquid and vapour
Flammable liquid and vapour

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- | | |
|---|--|
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |
| <ul style="list-style-type: none"> Precautionary statements | |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. No smoking |
| P233 | Keep container tightly closed |
| P303+P361+P353 | If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P370+P378 | In case of fire: use sand, foam, CO ₂ , dry extinguisher for extinction |
| P403+P235 | Store in a well-ventilated place. Keep cool |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations |
| <ul style="list-style-type: none"> Special rules for supplemental label elements for certain mixtures | |
| EUH208 | Contains CARVONE; (R)-P-METHA-1, 8-DIENE. May produce an allergic reaction |

2.3 Other hazards

There are no other associated hazards known to be associated with Eakin Release.

3. Composition/information on ingredients

Substances and Mixtures

Hazardous ingredients

HEXAMETHYLDISILOXANE; REACH registration No: 01-2119496108-31; EC No: 203-492-7; CAS No: 107-46-0

Weight fractions: 50-100%

Classification 1907/2006 [REACH] Flam. Liq. 2: H225, Aquatic Acute 1: H400, Aquatic Chronic 2: H411

CARVONE; EC No. 229-352-5; CAS No: 6485-40-1

Weight fraction: <1%

Classification 1907/2006 [REACH] Acute Tox 4: H302, Skin Sens 1: H317

(R)-P-MENTHA-1, 8-DIENE EC No: 227-813-5; CAS No: 5989-27-5

Weight fraction: <0.25 %

Classification 1272/2008 [CLP] Flam. Liq. 3 : H226, Skin Irrit. 2: H315, Skin Sens. 1: H317, Aquatic Acute 1: H400, Aquatic Chronic 1: H410

4. First-aid measures

4.1 Description of first aid measures

- General Information**
 In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
- After inhalation**
 No special measures are necessary.
- After skin contact**
 No action required as product is designed for skin applications, however, if causing irritation discontinue and wash with soap and warm water. If irritation continues seek medical attention.
- After eye contact**
 May cause irritation. Remove contact lenses for better cleaning. Keep eyelids open. Irrigate well with plenty of water for at least 15 min. Contact a physician if necessary.
- After ingestion**
 Rinse mouth. Do not induce vomiting. If vomiting occurs or breathing has stopped, contact a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions.

4.3 Indication of any immediate medical attention and special treatment needed

No information available

5. Fire-fighting measures

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- 5.1 Extinguishing media
- Suitable extinguishing media
Alcohol resistant foam, carbon dioxide, dry chemical powders, water mist.
 - Unsuitable extinguishing media
Waterjet.
- 5.2 Special hazards arising from the substance or mixture - Hazardous combustion products
Combustion products are carbon dioxide, carbon monoxide, nitrous oxide, nitrogen and water. In case of fire do not breathe fumes
- 5.3 Special protective equipment and advice for firefighters
Appropriate self-contained breathing apparatus and chemical protective clothing must be worn. Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Do not allow run-off from fire-fighting to enter drains or water courses. Very toxic to aquatic life.

6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Special danger of slipping by leaking/spilling product. Keep away from sources of ignition. No smoking. Do not breathe gas/fumes/vapour spray. Provide adequate ventilation. Remove persons to safety.
- 6.2 Environmental precautions
Ensure all waste water is collected and treated via a waste water treatment plant. In case of gas escape or any entry into waterways, soil or drains, inform the responsible authorities. Very toxic to aquatic life.
- 6.3 Methods and material for containment and cleaning up
Suitable material for taking up: Sand. Universal binder sawdust. Collect in closed and suitable containers for disposal.
- 6.4 References to other sections
See protective measures under point 7 and 8.

7. Handling and storage

- 7.1 Precautions for safe handling
Provide adequate ventilation. When using do not eat, drink, smoke, sniff. Wash hands after use. Keep away from sources of ignition. No smoking. Vapours can form explosive mixtures with air. Keep out of reach of children. Store flat in the carton in a cool dry place.
- 7.2 Conditions for safe storage, including any incompatibilities
Keep/store only in original container. Keep away from direct sunlight. Keep away from sources of ignition. No smoking. Do not refrigerate. Avoid high humidity.
- 7.3 Specific end uses
See Section 1 for Intended use.

8. Exposure controls/personal protection

- 8.1 Control Parameters
- Occupational exposure limit values**
(R)-P-Mentha-1, 8-diene; CAS no: 5989-27-5
- | | |
|---------------------------------------|-------------------------------|
| Limit value type (country of origin): | TRGS-900 (D) |
| Limit value: | 20 ppm / 110mg/m ³ |
| Peak limitation: | 2(II) |
| Remark: | Sh,Y |
| Version: | 02-07-2009 |
| No information available. No CSR. | |
- 8.2 Exposure controls
When using do not eat, drink, smoke, sniff. Wash hands after use.

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Appropriate engineering controls

None

Personal protective equipment

- **Eye/face protection**
None

Skin protection

- **Hand protection**
None
- **Body protection**
Overall

Respiratory protection

None

Environmental exposure controls

Observe local regulations

9. Physical and chemical properties

9.1 Basic physical and chemical properties

Physical state:	liquid
Odour:	characteristic
Colour:	colourless
Boiling temperature/boiling range (1013 hPa):	100 °C
Flash point:	-6 °C
Lower explosion limit:	1 vol %
Upper explosion limit:	38 vol %
Vapour pressure (50°C):	1000 hPa
Density: (20°C):	0.76 g/cm ³
Water solubility (20°C):	insoluble
Viscosity (20°C):	0.5 mPa.s

9.2 Other information

No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See Section 7).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Take precautionary measures against static discharges. Keep away from sources of ignition. No smoking.

10.5 Incompatible materials

Exothermic reaction with: oxidising agent. Strong acid. Strong alkali

10.6 Hazardous decomposition products

Decomposition with: Carbon dioxide (CO₂). Carbon monoxide. Nitrogen oxides (NO_x).

11. Toxicological information

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

11.1 Information on toxicological effects

This product is a medical device and has been assessed in accordance with Directive 93/42/EEC on medical devices. This product may cause an allergic skin reaction

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- **Acute effects**
 - **Acute oral toxicity**

Parameter:	LD50 (Hexamethyldisiloxane; CAS No: 107-46-0)
Exposure route:	Oral
Species:	Rat
Effective dose:	>5000mg/kg
 - **Acute dermal toxicity**

Parameter:	LD50 (Hexamethyldisiloxane; CAS No: 107-46-0)
Exposure route:	Dermal
Species:	Rat
Effective dose:	>2000mg/kg
 - **Acute inhalation toxicity**

Parameter:	LC50 (Hexamethyldisiloxane; CAS No: 107-46-0)
Exposure route:	Inhalation
Species:	Rat
Effective dose:	ca. 106 mg/l
Exposure time:	4 h

12. Ecological information**12.1 Toxicity / Aquatic toxicity****Chronic (long-term) daphnia toxicity**

Parameter:	NOEC (Hexamethyldisiloxane; CAS No: 107-46-0)
Species	Daphnia magna (big water flea)
Effective dose	0.08 mg/l
Exposure time:	504 h

Acute (short-term) algae toxicity

Parameter:	EC50 (Hexamethyldisiloxane; CAS No: 107-46-0)
Species	Freshwater algae
Effective dose	>0.55 mg/l
Exposure time:	48 h

Acute (short-term) daphnia toxicity

Parameter:	NOEC (Hexamethyldisiloxane; CAS No: 107-46-0)
Species	Daphnia magna (big water flea)
Effective dose	>= 0.08 mg/l

12.2 Persistence and degradability

Not determined

12.3 Bio accumulative potential

No information available

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

12.6 Other adverse effects

Very toxic to aquatic life.

12.7 Further ecological information

No information available

13. Disposal considerations

The disposal should always be in compliance with national, federal, state and local regulations. The product should not be discharged to the environment.

13.1 Waste treatment methods

Per The European Waste Catalogue (EWC), in accordance with EC Directive 75/422/EEC, the following Waste Code can be used: 18 01 06 wastes whose collection and disposal is not subject to special requirements in view of the

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prevention of infection (e.g. dressings, plaster casts, linen, disposable clothing, diapers). However, if the waste in view of the prevention of infection needs special requirements, other Waste Codes should be used.

14. Transport information

The material is not a hazardous good by any means for transportation. The product does not have any restricted classification.

- 14.1 UN Number
1993
- 14.2 UN proper shipping name
Land transport (ADR/RID)
 Flammable liquid, N.O.S. (hexamethyldisiloxane)
Sea transport (IMDG)
 Flammable liquid, N.O.S. (hexamethyldisiloxane)
Air transport (ICAO-TI/IATA-DGR)
 Flammable liquid, N.O.S. (hexamethyldisiloxane)
- 14.3 Transport hazard class(es)
Land transport (ADR/RID)
- | | |
|--|------------|
| Class(es): | 3 |
| Classification code: | F1 |
| Hazard identification number (Kemier No): | 33 |
| Tunnel restriction code: | D/E |
| Special provisions: | 640D. LQ 4 |
| Hazard label(s): | 3 |
- Sea transport (IMDG)**
- | | |
|----------------------------|---------|
| Class(es): | 3 |
| EmS-No: | F-E/S-E |
| Special provisions: | LQ 11 |
| Hazard label(s): | 3 |
- Air transport (ICAO-TI/IATA-DGR)**
- | | |
|-------------------------|---|
| Class(es): | 3 |
| Hazard label(s): | 3 |
- 14.4 Packing group
Land (ADR/RID, Sea (IMDG), Air transport (ICAO-TI/ IATA-DGR): Not Applicable / Not Relevant
- 14.5 Environmental hazards
Sea transport (IMDG): No
- 14.6 Special precautions for user
None

15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulations
Water hazard class (WGK)
 Class: nwg (non-hazardous to water). Classification according to VwVwS
- 15.2 Chemical safety assessment
 A chemical safety assessment has not been carried out.
 No CSR.

16. Other information

- 16.1 **Indication of changes**
 Minor corrections / amendments to section 16.
- 16.2 **Abbreviations and acronyms**
 None

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16.3 Key literature references and sources for data

None

16.4 Training advice

None

16.5 Additional information

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