

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

1.1. Identification of the substance/preparation

TIRE mounting cream,

Trade name/s: tire cream EM, fixing cream, montagecreme EM, TECHSEAL

1.2. Company/undertaking identification:

TechPlus Ltd; UE8+E9, SOUTH CITY BUSINESS PARK; WHITESTOWN WAY; TALLAGHT, DUBLIN 24; IRELAND

Phone +353 1 4049060, Fax: +353 1 4049061

1.3. Emergency telephone number / office for advice:

EU: +49 523394170, +49 1805243642; IE: +353 14049060; DE: +49 4131 981661; PL: +48 607632549,

SECTION 2: Hazards identification

Preparation is not classified as hazardous in the sense of directive 1999/45/EC

2.1. To people

See section 11 and 15

Classification: non harmful

Eye contact: may irritate eyes if contact prolonged;

Skin contact: may irritate skin on repeated or prolonged contact;

Ingestion: harmful if swallowed in large amounts;

2.2. To the environment

See section 12; k.D.v.

SECTION 3: Composition/information on ingredients

3.1. Chemical name/content

Chemical name	Content %	Symbol	R-phrases	EINECS, ELINCS
Diethylene glycol	1 - 10	Xn	22	203-872-2
		MAK-value: 10-ppm		

For complete wording of the R-phrases, refer to section 16

3.2. Content

Contains no other substances or impurities that are classified as.

In particular, the concentration of these, is less than 0.1%.

SECTION 4: First aid measures

First aid: remove person from danger area; flush copiously with water; Fresh air, rest, consult physician.

4.1. Inhalation: supply fresh air and seek medical advice.

4.2. Eye contact: rinse with water for several minutes (remove contact lenses if possible). Seek medical advisor.

4.3. Skin contact: wash thoroughly with ample water. Remove contaminated clothes. If skin irritation occurs (redness, etc.) consult physician.

4.4. Ingestion: do not induce vomiting. Rinse mouth/skin and then wash skin with water and soap. Consult physician, keep Data Sheet available.

4.5. Special treatments necessary for first aid - n.g.

SECTION 5: Fire-fighting measures

Flash point: not applicable

Flammability: not flammable

Special procedures: not necessary

Powder, alcohol-resistant foam, water (H₂O in large amounts, carbon dioxide (CO₂)).

5.1. Suitable extinguishing media: dep.on the nature and extent of fire. All known extinguishers can be used.

In case of fire: keep drums, etc., cool by spraying with water, take care: oxides of carbon may appear.

5.2. Unsuitable fire extinguisher for reasons of safety - n.g.

5.3. Special dangers caused by the substance or preparation itself, results of fire/burning, or ensuring gases: - oxides of carbon may develop (carbon dioxide)

5.4. Special protective equipment for fire-fighters

Protective respirator with independent air supply. According to size of fire – full protection if necessary.

5.5. Further information

Dispose of contaminated extinction water according to official regulations. In case of fire - do not breathe fumes

SECTION 6: Accidental release measures (ref. section 13 and 8)

6.1. Personal precautions

In case of major escape of the substance: ensure adequate ventilation. Caution – sliding possibility.
Avoid inhalation and contact with eyes and skin.

6.2. Environmental measures

If leakage occurs, dam up. Prevent from entering drainage system.

6.3. Cleaning up procedure

Collect by mean of absorbent material (i.e. binding medium or sand) or collect mechanically and dispose according to section 13

SECTION 7: Handling and storage

7.1. Tips for safe handling

See section 6.1. Ensure good ventilation.
General hygiene measures for the handling of chemicals are applicable.

7.2. Storage

Keep into original, closed containers. Separated from strong oxidants.
Store in dry and cool place. Only in unopened original packaging.
Not to be stored in gangways or stair wells.

7.3. Special storage conditions (see section 10)

Avoid contact with other chemicals. Collect leaking liquid in covered containers.
Prevent from leaking into water and sewerage system; in large amounts may become harmful to aquatic organism.
Store in cool and dry places. Avoid freezing and heating.

SECTION 8: Exposure controls /personal protection/ limit values

8.1. Exposure limit values

Chemical name	Diethylene glycol	Content%: 1-10
WEL-TWA 23 ppm (101 mg/m ³)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	---
Chemical name	Glycerine	Content%:
WEL-TWA 10 ppm (mist)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	---

WEL-TWA = Workplace Exposure Limits – Long-term exposure limit (8-hour TWA /time average/ reference period)

EH40. AGW = “Arbeitsplatzgrenzwert” (workplace limit value, Germany). # WEL-STEL = Workplace Exposure Limit – Short-term exposure limit (15-minute reference period). # BMGV = Biological monitoring guidance value EH40. BGW = “Biologischer Grenzwert” (biological limit value, Germany). # Other information: Sen = Capable of causing occupational asthma. # Sk = can be absorbed by skin. Carc = Capable of causing cancer and/or heritable generic damage.

** = the exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2. Exposure controls:

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here. General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at the end of work. Keep away from food, drink and animal feeding stuffs.

Respiratory protection: NOT NECESSARY ; If OES or MEL is exceeded ; Filter A P2 (EN 14387)

Hand protection: RECOMMENDED; Protective nitrile gloves (EN 374); Protective hand cream recommended

Eye protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection: Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments).

Additional information on hand protection – no tests have been performed. Selection made for preparations according to the best available knowledge and information on the ingredients. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made by taking the breakthrough times, permeation rates and degradation into account.

Selection of suitable gloves depends on quality characteristics of manufacturer. In case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2. Environmental exposure controls.

N.av.

SECTION 9: Physical and chemical properties

Physical state: paste, crème,
Colour: light (may vary)

Odour:	characteristic
pH value undiluted:	7,5
Boiling point:	k.D.v.
Melting point:	n.v.
Flash point:	> 100
Flammability (solid,gas):	k.D.v.
Auto flammability:	226 C
Oxidizing properties:	No
Min/Max limit explosion:	k.D.v.
Vapour pressure:	k.D.v.
Specific gravity/density:	1g/cm ³
Solubility in water:	soluble
Viscosity:	k.D.v.
VOC:	0%

SECTION 10: Stability and reactivity

10.1. Conditions to avoid: see section 7; Protect from: Heating; Freezing

10.2. Materials to avoid: see section 7; other chemicals.

10.3. Hazardous decomposition products - see section 5.3.

10.4. Additional information

Stabilizers necessary:	k.D.v.
Stabilizers available:	k.D.v.
Effects of change in physical state on safety:	k.D.v.
Conditions to avoid temp.:	above 50 °C
Hazardous decomposition:	below - 0 °C

SECTION 11: Toxicological information

11.1. Acute toxicity and immediate effects

11.1.1 Ingestion, LD50 rat oral (mg/kg):	k.D.v.
11.1.2 Inhalation, LC50 rat inhal. (mg/l/4h):	k.D.v.
11.1.3 Skin contact, LD50 rat dermal (mg/kg):	k.D.v.
11.1.4 Eye contact:	k.D.v.

11.2. Delayed / Chronic effects

11.2.1 Sensitisation:	k.D.v.
11.2.2 Cancerogenity:	k.D.v.
11.2.3 Mutagenity:	k.D.v.
11.2.4 Reproductive toxicity:	k.D.v.
11.2.5 Narcosis:	k.D.v.

11.3. Further information: no classification according to calculation procedure

SECTION 12: Ecological information (Diethylene glycol)

12.1. Water hazard class	2
12.2. Self classification	Yes (VwVwS)
12.3. Persistence and degradability	biodegradable
12.4. Behaviour in sewage plants	acc.to the recipe, contains no AOX
12.5. Aquatic toxicity	k.D.v.
12.6. Ecological toxicity	k.D.v.

SECTION 13: Disposal considerations

13.1. For the material / preparation / residues

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 06 99 wastes not otherwise specified

Recommendation: pay attention to local and national official regulations.

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

13.2. For contaminated packing material

See section 13.1. Recommendation: pay attention to local and national official regulations.

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

Contact supplier if guidance is required. Uncontaminated packaging can be recycled.

SECTION 14: Transport information

14.1. General statements

UN number: n.a.

14.2. Road/rail transport (GGVS/ADR / GGVE/RID)

GGVS/ADR n.a. (class/number)

GGVE/RID n.a. (class/number)

14.3. Transport by sea

GGVSea/IMDG-code: n.a. (class/code/packing-group)

EmS-Number: n.a.

MFAG-Number: n.a.

Marine Pollutant: n.a.

14.4. Transport by air

IATA: n.a. (class/secondary danger/packing-group)

14.5. Additional information

Not dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

Classification according to Dangerous Product Regulations incl. EEC Guidelines (67/548/EEC and 1999/45/EC).

See sections: 2, 8, 12, 14.

Symbols: n.a.

S02 – keep out of reach of children

Identification of danger: ---

Additions: n.a.

AbF: n.a.

Observed restrictions: n.a.

SECTION 16: Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10-13

Revised points: n.a.

The following phrases represent the prescribed R-phrases for the ingredients (designated in sect.3):

22 Harmful if swallowed

LEGEND:

n.a. = not applicable / n.v., k.D.v. = not available / n.g. = not checked

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VbF = Regulations for flammable liquids / **MAK** = Maximum concentration per work place in ml/m³ = ppm

BAT = Biological tolerance for work places / **TRbF** = Technical regulations for flammable liquids

WGK = water hazard class

WGK3 = very hazardous to water, **WGK2** = hazardous to water, **WGK1** = slightly hazardous to water

VOC = Volatile organic compounds (VOCV – Switzerland)

AOX – Adsorbable organic halogen compound

VwVwS = Administrative Order relating to substances hazardous to water (Germany).

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The statement made here should describe the product with regard to the necessary safety precautions. They are not meant to guarantee definite characteristics but they are based on our present up-to-date knowledge.

Prepared by:

TechPlus Ltd; UE8+E9, SOUTH CITY BUSINESS PARK; WHITESTOWN WAY; TALLAGHT, DUBLIN 24; IRELAND

Phone +353 1 4049060, Fax: +353 1 4049061, info@techplus.ie