1. Identification

**Product identifier**
Mederma® PM

**Recommended use of the chemical and restrictions on use**

**Use of the substance/mixture**
Topical cream for the treatment of scars.
This product is intended for external use only.

**Uses advised against**
There is no information available on applications that are not advised.

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

**Manufacturer**
Company name: Merz North America, Inc.
Street: 6501 Six Forks Road
Place: USA Raleigh, NC 27615
Telephone: 844-469-6379

**Responsible Department:** Responsible for the safety data sheet: sds@gbk-ingelheim.de

**Supplier**
Company name: Merz Pharma GmbH & Co.KGaA
Street: Eckenheimer Landstrasse 100
Place: D-60318 Frankfurt
Telephone: + 49 – 69-1503-0
Telefax: + 49 – 69-1503-406
Contact person: Corporate HSSE
e-mail: HSSE@merz.de
Internet: www.merz.de

**Responsible Department:** Responsible for the safety data sheet: sds@gbk-ingelheim.de

**Emergency phone number:** INFOTRAC: (001) 352 323 3500

2. Hazard(s) identification

**Classification of the chemical**

29 CFR Part 1910.1200
Hazard categories:
Serious eye damage/eye irritation: Eye Dam. 1

**Hazard Statements:**
Causes serious eye damage

**Label elements**

29 CFR Part 1910.1200
**Signal word:** Danger

**Pictograms:**

**Hazard statements**
Causes serious eye damage

**Precautionary statements**

Wear protective gloves/protective clothing/eye protection/face protection.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center/doctor.

**Hazard not otherwise classified**
No data available.
3. Composition/information on ingredients

Mixtures
Chemical characterization
Aqueous preparation of the following substances with non-hazardous additives.

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5343-92-0</td>
<td>Pentane-1,2-diol</td>
<td>1 - 5* %</td>
</tr>
</tbody>
</table>

Further Information
*The exact percentage (concentration) has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General information
If you feel unwell, seek medical advice.

After inhalation
Not likely, due to the form of the product.
Take affected person into fresh air.
Get medical attention, if respiratory irritation develops or if breathing becomes difficult.

After contact with skin
Wash off immediately with plenty of water and soap for at least 15 minutes.
Remove contaminated soaked clothing immediately.
If symptoms develop, seek medical attention.

After contact with eyes
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
In case of irritation consult a physician.

After ingestion
Rinse mouth.
Seek medical treatment immediately.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed
DANGER!
Causes serious eye damage.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Indication of any immediate medical attention and special treatment needed
Treat symptoms.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Any extinguishing means and measures are acceptable.
Foam, carbon dioxide (CO2), dry chemical.

Unsuitable extinguishing media
Full water jet.

Specific hazards arising from the chemical
No hazards to be specifically mentioned.
Fire may produce: carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire-fighters
Cool containers at risk with water spray jet.
Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing.
Additional information
Use breathing apparatus with independent air supply.
Wear full protective suit.
Avoid contact with skin and eyes.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Evacuate area.
Use personal protective clothing.

Environmental precautions
Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Waste disposal according to local regulations.

Reference to other sections
Observe protective instructions (see Sections 7 and 8).
Information for disposal look up chapter 13.

7. Handling and storage

Precautions for safe handling
Avoid contact with skin, eyes and clothing.
Do not ingest.
After work wash thoroughly.

Advice on protection against fire and explosion
No special protective measures against fire required.

Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep container tightly closed in a dry, cool and well-ventilated place.
Keep only in original container.

Advice on storage compatibility
Keep away from food, drink and animal feeding stuffs.

8. Exposure controls/personal protection

Control parameters

Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>f/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td></td>
<td></td>
<td></td>
<td>TWA (8 h)</td>
<td>ACGIH-2017</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000</td>
<td>1900</td>
<td>STEL (15 min)</td>
<td>Ethyl alcohol (Ethanol)</td>
<td>ACGIH-2017</td>
</tr>
<tr>
<td>56-81-5</td>
<td>Glycerin (mist) Respirable fraction</td>
<td></td>
<td>5</td>
<td></td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
</tbody>
</table>

Exposure controls

Appropriate engineering controls
No special measures required.

Protective and hygiene measures
Wash hands before breaks and immediately after handling the product.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.

Eye/face protection
Not required under normal use.
Protective goggles in the event of risk of splashes.
Hand protection
Protective gloves
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection
Not required under normal use.
Handle in accordance with good industrial hygiene and safety practice.
After work wash thoroughly.
Remove contaminated clothes and wash before re-use.
When using do not eat or drink

Respiratory protection
Not required under normal use.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Cream
Color: Beige
Odor: Characteristic
pH-Value: 5.0 - 6.5

Changes in the physical state
Melting point/freezing point: Not determined.
Initial boiling point and boiling range: Not applicable.
Flash point: Not applicable.
Flammability
Solid: Not applicable.
Explosive properties No information available.
Lower explosion limits: Not applicable.
Upper explosion limits: Not applicable.
Ignition temperature: No information available.
Auto-ignition temperature
Solid: No information available.
Decomposition temperature: Not determined.
Oxidizing properties No information available.
Density: 0.997 g/cm³
Water solubility: (at 20°C) Not determined.
Solubility in other solvents No information available.
Partition coefficient: Not determined.
Viscosity / dynamic: Not determined.
Viscosity / kinematic: Not determined.
Vapor density: No information available.
Evaporation rate: Not determined.

Other information
Solid content: Not determined.

No data available.

10. Stability and reactivity

Reactivity
Stable under normal conditions.
No hazardous reactions known.

Chemical stability
Stability: Stable
Stable at ambient temperature.
Possibility of hazardous reactions
Hazardous reactions: Will not occur
Stable under normal conditions.
No hazardous reactions known.

Conditions to avoid
Protect against direct sun radiation.

Incompatible materials
Avoid high temperatures.

Hazardous decomposition products
No hazardous reaction when handled and stored according to provisions.
Fire may produce: carbon monoxide and carbon dioxide.

11. Toxicological information

Information on toxicological effects

Route(s) of Entry
Skin and eye contact and ingestion.

Acute toxicity
Based on available data, the classification criteria are not met.
This product is intended for external use only.
May be harmful by ingestion.

Irritation and corrosivity
Causes serious eye damage
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Avoid contact with eyes.
Contact with eyes may cause irritation.

Sensitizing effects
Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure
Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.
Carcinogenicity (NTP): Not listed
Carcinogenicity (IARC): Not listed
Carcinogenicity (OSHA): Not listed

Aspiration hazard
Based on available data, the classification criteria are not met.

Further information
Do not apply to open wounds.
Health injuries are not known or expected under normal use.
If irritation or harmful effects occur, immediately discontinue use and consult a doctor.

12. Ecological information

Ecotoxicity
No data available.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Other adverse effects
No data available.
Further information
Do not flush into surface water or sanitary sewer system.

13. Disposal considerations

Waste treatment methods

Advice on disposal
Empty containers may retain some product residues. Dispose of contents/container in accordance with local/regional/national/international/ regulations.

Contaminated packaging
Empty containers may be recycled. Otherwise dispose of in accordance with applicable regulations.

14. Transport information

US DOT 49 CFR 172.101

Proper shipping name: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

15. Regulatory information

U.S. Regulations

National Inventory TSCA
The components of this product are not subject to TSCA.

National regulatory information
SARA Section 311/312 Hazards:
  - Pentane-1,2-diol (5343-92-0): Immediate (acute) health hazard
  - Ethanol (64-17-5): Fire hazard

State Regulations
Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)
This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)
Health: 1
Flammability: 0
Physical Hazard: 0
NFPA Hazard Ratings

Health: 1
Flammability: 0
Reactivity: 0
Unique Hazard:

Changes

Revision date: 30.08.2017
Revision No: 1,0
Changes in section: 3,4,5,6,7,8,9,10,11,12

Abbreviations and acronyms

DOT = Department of Transportation
TDG = Transport of Dangerous Goods
OSHA = Occupational Safety and Health Administration
IARC = International Agency for Research on Cancer
NTP = National Toxicology Program
TSCA = Toxic Substances Control Act
CAS = Chemical Abstract Service
SARA = Superfund Amendments and Reauthorization Act
STEL = Short Term Exposure Limit
TWA = Time Weighted Averages
ACGIH = American Conference of Governmental Industrial Hygienists
PEL = Permissible Exposure Limit

Other data

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.
The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)