



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.

Hazards 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

CAS No	Components	Quantity
5343-92-0	Pentane-1,2-diol	1 - 5* %

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

Advice on 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

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
64-17-5	Ethanol	-	-	-	TWA (8 h)	ACGIH-2017
		1000	-	-	STEL (15 min)	ACGIH-2017
64-17-5	Ethyl alcohol (Ethanol)	1000	1900	-	TWA (8 h)	PEL
56-81-5	Glycerin (mist) Respirable fraction	-	5	-	TWA (8 h)	PEL

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.
	Not determined.
Density:	0.997 g/cm ³
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.
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No data available.

10. Stability and reactivity

Reactivity

Stable under normal conditions.

No hazardous reactions known.

Chemical stability

Stability:	Stable
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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

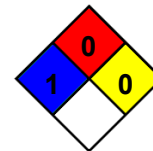


Mederma® PM

{Product code} 00506-0136_US

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.)