1. Identification

Product identifier
Mederma® Advanced Scar Gel

Recommended use of the chemical and restrictions on use

Use of the substance/mixture
Gel for the treatment of scars.

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

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
This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

Label elements

Additional advice on labelling
Not required.

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

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>8054-39-5</td>
<td>Onion, extract</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
Remove contaminated soaked clothing immediately.

After inhalation
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.
In case of irritation consult a physician.

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.

Most important symptoms and effects, both acute and delayed
OSHA Hazard Communication: This material is not 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
Fire may produce:
Nitrogen gases (NOx), carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire-fighters
Use breathing apparatus with independent air supply.

Additional information
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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
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).

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.

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
Do not store together with food.

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>1000</td>
<td>STEL (15 min)</td>
<td>ACGIH-2017</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Ethyl alcohol (Ethanol)</td>
<td></td>
<td></td>
<td></td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
</tbody>
</table>

Exposure controls

Appropriate engineering controls
Ensure adequate ventilation, especially in confined areas.

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
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.
Long sleeved clothing.

Respiratory protection
Not required under normal use.
Breathing apparatus (particle filter) only if dust is formed.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Liquid, Gel
Color: Reddish - Red brown
Odor: Characteristic
pH-Value: No information available.

Changes in the physical state
Melting point/freezing point: No information available.
Initial boiling point and boiling range: No information available.
Flash point: Not applicable.
Flammability
Solid: No information available.
Explosive properties No information available.
Lower explosion limits: No information available.
Ignition temperature: No information available.
Auto-ignition temperature
Solid: No information available.
Decomposition temperature: No information available.
Safety Data Sheet according to 29 CFR 1910.1200(g)
Merz North America, Inc.
Revision date: 24.07.2017  Revision No: 1,1
Mederma® Advanced Scar Gel
(Product code) 00506-0024_US

Oxidizing properties
No information available.

Density:
No information available.

Water solubility: (at 20°C)
~1 g/cm³

Solubility in other solvents
Miscible

Partition coefficient:
No information available.

Viscosity / dynamic:
No information available.

Viscosity / kinematic:
No information available.

Vapor density:
No information available.

Evaporation rate:
No information available.

Other information
No data available.

10. Stability and reactivity

Reactivity
Stable under normal conditions.

Chemical stability
Stability: Stable
No data available.

Possibility of hazardous reactions
Hazardous reactions: Will not occur
Under recommended usage conditions, hazardous decomposition products are not expected.

Conditions to avoid
Protect against direct sun radiation.

Incompatible materials
Strong oxidizing agents.
Avoid high temperatures.

Hazardous decomposition products
Fire may produce:
Nitrogen gases (NOx), carbon monoxide and carbon dioxide.

11. Toxicological information

Information on toxicological effects

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

Acute toxicity
Based on available data, the classification criteria are not met.
No data available.

Irritation and corrosivity
Based on available data, the classification criteria are not met.
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.

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
Dispose of contents/container in accordance with local/regional/national/international/ regulations.

Contaminated packaging
Dispose of contents/container in accordance with local/regional/national/international/ regulations.

14. Transport information

US DOT 49 CFR 172.101
Proper shipping name: Not regulated.

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:
Ethanol (64-17-5): Fire hazard
Onion, extract (8054-39-5): Fire hazard, Immediate (acute) health 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: 0
Flammability: 0
Physical Hazard: 0

NFPA Hazard Ratings
Health: 0
Flammability: 0
Reactivity: 0
Unique Hazard:

Changes
Revision date: 24.07.2017
Revision No: 1,1
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.)*