



MEDERMA[®] AG FACIAL TONER SAFETY DATA SHEET (SDS)

Section 1 – Product and Company Identification

Product Trade Name:	Mederma [®] AG Facial Toner
Recommended Use:	Personal care product
Distributor:	Merz North America, Inc. 6501 Six Forks Road Raleigh, NC 27615
Telephone:	844-469-6379
Hazmat Service Emergency Number:	800-373-7542
International Shipments:	+1-484-951-2432

Section 2 – Hazard(s) Identification

i) GHS Classifications:

Flammable Liquid Category 3
Acute Oral Toxicity Category 5
Acute Eye Irritant Category 2B
Skin Irritant Category 2

ii) Signal Word:

Warning!

iii) Pictogram(s):



iv) Hazard Statement(s):

H225 Highly flammable liquid and vapor
H303 May be harmful if swallowed
H315 Causes skin irritation
H320 Causes eye irritation
H335 May cause respiratory irritation

v) Precautionary Statement(s):

P210 Keep away from heat/sparks/open flame/hot surfaces – no smoking
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P264 Wash hands after handling

vi) Health Hazards or Risks From Exposure:

Acute: Contact with eyes may cause irritation or redness. Prolonged skin contact may cause mild irritation. May be harmful if swallowed. Inhalation of high concentrations may cause headache, dizziness, or respiratory irritation.

Chronic: None Known



Section 3 – Composition/Information on Ingredients

Ingredient	CAS Number	Concentration	Classification
Purified Water	7732-18-5	40 – 50%	Not Classified
SD Alcohol 40-B	64-17-5	Proprietary	[F] Flammable; R11 Highly Flammable
Glycolic Acid and Ammonium Glycolate	Mixture	Proprietary	Not Classified

Section 4 – First Aid Measures

Take precautions to ensure your own health and safety before responding/providing first aid.

i) Eye Contact

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

ii) Skin Contact

If irritation develops, wash with soap and water. Seek medical attention if irritation develops and persists.

iii) Inhalation

Avoid breathing vapors. If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

iv) Ingestion

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

v) Medical Conditions Aggravated by Exposure

Pre-existing skin, respiratory tract, or eye problems may be aggravated by prolonged contact

vi) Recommendations to Physicians

Treat symptoms

Section 5 – Fire-Fighting Measures

i) Fire Extinguishing Materials: Carbon dioxide, foam, dry chemical, halon, or water spray

ii) Unusual Fire and Explosion Hazards: Will burn if involved in a fire. Combustible liquid. Can release vapors that form explosive mixtures at temperatures above the flashpoint.

iii) Special Fire-Fighting Procedures: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.



Section 6 – Accidental Release Measures

Spill and Leak Response: Personnel should be trained for spill response operations

Spills: Eliminate all sources of ignition. Contain spilled material using polypads or other suitable absorbent material. Place spill residue in an appropriate container for disposal.

Section 7 – Handling and Storage

- i) **Work and Hygiene Practices:** Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.
- ii) **Storage and Handling Practices:** Store in a cool dry location. Keep away from all ignition sources. Protect from physical damage. Keep containers closed when not in use.

Section 8 – Exposure Controls and Personal Protection

Chemical Name	CAS Number	ACGIH TWA	OSHA TWA
SD Alcohol 40-B	64-17-5	1,000 ppm	1,000 ppm

- i) **Ventilation and Engineering Controls:** Use with adequate ventilation to ensure exposure levels are maintained
- ii) **Respiratory Protection:** Not required with this product
- iii) **Eye Protection:** Prevent eye contact as appropriate
- iv) **Hand Protection:** Not required with this product
- v) **Body Protection:** Not required with this product. Use body protection appropriate for task. Coveralls, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task.

Section 9 – Physical and Chemical Properties

- i) **Appearance:** Clear, light bluish/green volatile liquid
- ii) **Odor:** Ethanol and eucalyptus
- iii) **pH:** 4.35 – 4.65
- iv) **Melting Point/Freezing Point:** Not determined
- v) **Boiling Point:** Not determined
- vi) **Flash Point:** >100°F (estimated)
- vii) **Evaporation Rate (n-BuAc=1):** <1



- viii) **Upper/Lower Flammability or Explosive Limits:** Not determined
- ix) **Vapor Pressure:** Not determined
- x) **Vapor Density:** Not determined
- xi) **Relative Density:** Not determined
- xii) **Specific Gravity:** 0.920 – 0.980
- xiii) **Solubility:** Soluble
- xiv) **Partition Coefficient:** Not determined
- xv) **Auto-ignition Temperature:** Not determined
- xvi) **Decomposition Temperature:** Not determined
- xvii) **Viscosity:** Not determined

Section 10 – Stability and Reactivity

- i) **Stability:** Stable under ordinary conditions of use and storage
- ii) **Incompatible Materials:** Strong oxidizing agents
- iii) **Decomposition Products:** When heated to decomposition this product produces carbon monoxide and/or carbon dioxide
- iv) **Hazardous Depolymerization:** Will not occur
- v) **Conditions to Avoid:** Incompatible materials, ignition sources

Section 11 – Toxicology Information

- i) **Toxicity Data:** This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use

CAS# 64-17-5

Draize test, rabbit, eye: 500 mg Severe
Draize test, rabbit, eye: 500 mg/24 H Mild
Draize test, rabbit, eye: 20 mg/24 H Moderate
Inhalation, mouse: LC50 = 39 gm/m³/4H
Inhalation, rat: LC50 = 20,000 ppm/10H
Oral, mouse: LD50 = 3,450 mg/kg
Oral, rabbit: LD50 = 6,300 mg/kg
Oral, rat: LD50 = 7,060 mg/kg
Oral, rat: LD50 = 9,000 mg/kg

- ii) **Suspected Cancer Agent:** The components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds as follows:



Carcinogenity

NTP Regulated	No
IARC Regulated	No
OSHA Regulated	No

- iii) **Irritancy of Product:** This product is not known to be a skin irritant
- iv) **Sensitization to the Product:** Components of this product are not known to cause human skin sensitization or respiratory sensitization
- v) **Reproductive Toxicity Information:** Listed below is information concerning the effects of this product and its components on the human reproductive system:

Mutagenicity:	The components of this product are not reported to produce mutagenic effects in humans
Embryotoxicity:	The components of this product are not reported to produce embryotoxic effects in humans
Teratogenicity:	The components of this product are not reported to produce teratogenic effects in humans
Reproductive Toxicity:	The components of this product are not reported to produce reproductive effects in humans

Section 12 – Ecological Information

- i) **Environmental Fate:** This product has not been tested. Not expected to cause adverse effects in the aquatic environment
- ii) **Persistence and Degradability:** When released into water it will volatilize and probably biodegrade
- iii) **Environmental Toxicity:** No data available

Section 13 – Disposal Recommendations

Dispose of container and unused contents in accordance with federal, state, and local environmental regulatory requirements

Section 14 – Transport Information

- i) **US DOT; IATA; IM; ADR:**
Hazardous as defined by 49CFR172.101 by the US Department of Transportation – this product may be shipped as a “Non-Regulated Material” via ground or rail with the United States in quantities less than 119 gallons.

Proper Shipping Name:	Combustible liquid, n.o.s. (Contains AD Alcohol)
Hazard Class Number/Description:	Class 3 Flammable Liquid
UN Identification Number:	NA1993
Packing Group:	PGIII
DOT Label(s) Required:	Flammable liquid Class 3
ERG Number:	128

Classified as a dangerous good



Section 15 – Regulatory Information

- i) **Toxic Substance Control Act (TSCA):** Chemical ingredients are on the TSCA Inventory or exempt
- ii) **Superfund Reportable Quantity (RQ):** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
- iii) **Sara Title III (section 311/312):** Acute Health; Fire
- iv) **Sara Title III (section 313):** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

Section 16 – Other Information

Effective Date: 30 JUL 2019
Revision: 02

The information contained in this SDS is to the best of Merz North America, Inc.'s knowledge and is believed to be accurate and reliable as of the revision date. However, no representation, warranty, or guarantee is implied or expressed regarding the accuracy, reliability, or completeness of this information. Information contained within this SDS is related to occupational exposure.