



SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier: ACO Face Plus Intensive Anti-Age Face Serum, Mederma Scar Serum

Synonym: 11K, 48K

Supplier: Perrigo Company
Address: 515 Eastern Avenue
Allegan, MI 49010 USA

Telephone number: 269-673-8451

Emergency phone number: 888-464-2986 (U.S. calls)
+1 760-476-3962 Code 333304 (International calls)

Email Address: SDSRequest@perrigo.com

Recommended use: Cosmetic product.

Restrictions on use: No other uses are advised.

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not hazardous	Not Hazardous

Label Elements:

Not hazardous in accordance with the GHS and OSHA Hazcom 2012.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Water	7732-18-5	Proprietary
Niacinamide	98-92-0	3-7%
Glycerin	56-81-5	Proprietary
Dimethicone	9006-65-9	Proprietary
Panthenol	16485-10-2	Proprietary
Tocopheryl Acetate	58-95-7	Proprietary
Ammonium Acryloyldimethyltaurate/VP Copolymer	335383-60-3	Proprietary
Citric Acid	77-92-9	<1%
Phenoxyethanol	122-99-6	<1%
Acrylates/C10-30 alkyl acrylate crosspolymer	9003-01-4	Proprietary
Dehydroxanthan Gum	11138-66-2	Proprietary
Propylene Glycol	57-55-6	Proprietary
Cetyl Dimethicone	191044-49-2	Proprietary
Ethylhexyl Stearate	22047-49-0	Proprietary
Aluminum Starch Octenylsuccinate	9087-61-0	Proprietary

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Polysorbate 20	9005-64-5	Proprietary
Sorbitol	50-70-4	Proprietary
Sodium Hyaluronate	9067-32-7	Proprietary
Ubiquinone	303-98-0	Proprietary
Folic Acid	59-30-3	Proprietary
Caprylyl Glycol	1117-86-8	Proprietary
Potassium Sorbate	24634-61-5	Proprietary

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation: No first aid should be needed. If irritation occurs or symptoms develop, move to fresh air and seek medical attention.

Skin contact: This product is intended for use on the skin. For unintended contact, wash skin with soap and water. If irritation develops and persists, get medical attention.

Eye contact: Flush eyes with water while lifting the upper and lower lids for several minutes. Get medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention if any adverse effects occur.

Most important symptoms/effects, acute and delayed: No adverse effects are expected from skin contact or inhalation. Eye contact may cause minor irritation. Ingestion may cause gastrointestinal upset.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention is not required.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: Product is not flammable or combustible but may burn in a fire.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Cool fire exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: No special precautions are required.

Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Contain and collect with an inert absorbent material. Place in appropriate container for disposal. Clean area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid the generation of mists. Avoid eye contact.

Conditions for safe storage, including any incompatibilities: Store as indicated on product packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Glycerin	5 mg/m ³ (respirable particulate) TWA OSHA PEL 15 mg/m ³ (total particulate) TWA OSHA PEL
Niacinamide	None Established
Dimethicone	None Established
Panthenol	None Established
Tocopheryl Acetate	None Established
Ammonium Acryloyldimethyltaurate/VP Copolymer	None Established
Citric Acid	None Established
Phenoxyethanol	None Established
Acrylates/C10-30 alkyl acrylate crosspolymer	None Established
Dehydroxanthan Gum	None Established
Propylene Glycol	10 mg/m ³ TWA AIHA WEEL
Cetyl Dimethicone	None Established
Ethylhexyl Stearate	None Established
Aluminum Starch Octenylsuccinate	None Established
Polysorbate 20	None Established
Sorbitol	None Established
Sodium Hyaluronate	None Established
Ubiquinone	None Established
Folic Acid	None Established
Caprylyl Glycol	None Established
Potassium Sorbate	None Established

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to keep exposures below occupational exposure limits and to minimize exposure levels.

Individual protection measures:

Respiratory protection: None needed under normal use conditions. If exposure levels are excessive and irritation is experienced, a NIOSH approved particulate respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: None required for normal use. Impervious gloves recommended for manufacturing operations.

Eye protection: None required for normal use. Chemical safety goggles recommended for manufacturing operations.

Other: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Off-white to slight yellow cream.

Physical State: Liquid	Odor: Characteristic
Color: Off-white to slight yellow	pH: 4.7-5.2
Melting point/freezing point: Not determined	Boiling Point: Not determined
Flash point: >200°F / 93.3°C	Particle Characteristics: Not applicable
Flammability: Not applicable	VOC: Not determined
Flammable limits: LEL: Not determined	UEL: Not determined
Vapor pressure: Not determined	Relative Vapor density: Not determined
Relative density: 1.02-1.04	Solubility(ies): Partially soluble in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Kinematic Viscosity: Not determined

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: None known.

Incompatible materials: Avoid oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield carbon and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: Inhalation of mists may cause minor irritation of the mucous membranes and upper respiratory tract.

Ingestion: Swallowing may cause gastrointestinal upset with nausea and diarrhea.

Skin contact: This product is intended for use on the skin. No adverse effects are expected.

Eye contact: Contact may cause mild irritation.

Chronic Effects: None known.

Sensitization: Components are not known to be sensitizers.

Germ Cell Mutagenicity: No adverse effects are expected. Components are not germ cell mutagens.

Reproductive Toxicity: No adverse effects are expected. Components are not reproductive toxins.

Carcinogenicity: None of the components are listed as carcinogens by IARC, NTP or OSHA .

Acute Toxicity Values:

Niacinamide: LD50 oral rat >2500 mg/kg, LD50 inhalation rat >3.8 mg/L (no mortality at maximum concentration)

Propylene Glycol: LD50 oral rat 21-33.7 g/kg; LD50 dermal rabbit 20.8 g/kg

Glycerin: LD50 oral rat 12.6 g/kg

Phenoxyethanol: LD50 oral rat 1840 mg/kg; LC50 inhalation rat >1 mg/L/4h (no adverse effects); LD40 dermal rabbit >2214 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity values: No data is available for the mixture
 Niacinamide: LC50 guppy >1000 mg/L/96h; EC50 daphnia >1000 mg/L/24h; ErC50 >1000 mg/L/72h
 Propylene Glycol: LC50 Cyprinodon variegatus 48,000 mg/L/96 hr; EC50 daphnia magna 43,500 mg/L/48 hr.
 Glycerin: LC50 goldfish >5000 mg/L/24 hr; LC50 daphnia magna >10,000 mg/L/24 hr.
 Phenoxyethanol: LC50 fish (pimephales promelas) 344 mg/L/96h; EC50 daphnia magna 488 mg/L/48h; EC50 algae >100 mg/L/72h

Persistence and degradability: No data is available
Bioaccumulative potential: No data is available
Mobility in soil: No data is available.
Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations. No specific disposal method is recommended.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk according IMO instruments: Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

SARA Hazard Category (311/312): Refer to Section 2 for the OSHA Hazard Classification.

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
 Phenoxyethanol (glycol ether compound below the deminimus concentration)

EPA TSCA Inventory: This product is a cosmetic and not subject to TSCA.

16. OTHER INFORMATION

NFPA Rating: Health = 1 Flammability = 0 Instability = 0
HMIS Rating: Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: Changes for Hazcom 2024 (Sections 9, 14), added product name and number.

Date of preparation: August 12, 2024

Disclaimer: This SDS has been prepared for occupational exposure. Consumers: Refer to the package insert or product label for appropriate consumer-specific information about this product when used according to manufacturer's directions. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).