

# 1% Advanced Retinol Therapy Material Safety Data Sheet

## Section 1 – PRODUCT AND COMPANY INFORMATION

Product Name: 1% Advanced Retinol Therapy  
Product Code: 042

Applied Genetics Inc. Dermatics  
205 Buffalo Avenue  
Freeport, NY 11520  
Emergency Telephone Number: 516-868-9026

## Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Component
Water, Isododecane, Glycerin, Tridecyl Stearate, Ceteraryl Alcohol, Glycerl Stearate, Citrate, Caprylic/Capric Triglyceride, Stearic Acid, PPG-12/SMDI Copolymer, Polysorbate 20, Retinol, BHA, Butylene Glycol, C13-14 Isoparaffin, Capryl Glycol, Cetearyl Glucoside, Disodium EDTA, Ergothioneine, Ethylhexylglycerin, Evodia Rutaecarpa Fruit Extract, Hexylene Glycol, Laureth-7, Lecthin, Limonin, Phenoxyethanol, Polyacrylamide, Rosmarinus Officinalis (Rosemary) Leaf Extract, Sodium Hydroxide, Xanthan Gum

## Section 3 – HAZARDS IDENTIFICATION

HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFR 1910.1200					
<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>CAS NO.</u>	<u>ACGH TLV</u>	<u>OSHA PEL</u>	<u>OTHER LIMITS RECOMMENDED</u>
None	None	None	None	None	None

## Section 4 – FIRST AID MEASURES:

Eye Irritation	Flush eyes thoroughly with cool water. If irritation persists, seek medical attention.
Skin Irritation	Flush skin thoroughly with cool water or apply a cold compress. If irritation persists, seek medical attention.
Ingestion	Dilute with fluids and treat symptomatically. Ingestion of substantial amounts may necessitate medical attention.

## Section 5 – FIRE FIGHTING MEASURES

Extinguishing Media	CO <sub>2</sub>	Water Fog	Dry Chemical	Alcohol Foam
Flash Point °C/°F				N/D
Unusual Fire and Explosion Hazards				None Known
Special Fire Fighting Procedures				None Known

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## Section 6 – ACCIDENTAL RELEASE MEASURES

Use proper personal protective equipment as indicated in Section 8.
Pick up large spills or absorb on inert material. Hold for waste disposal according to local codes.
Ventilate area.
Flush area with water and clean with a soap solution.

## Section 7 – HANDLING AND STORAGE

Store away from heat.
Store in a dry place.
Store in tightly sealed container.

## Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection	
Safety shower and eye wash	None required with normal use.
Mechanical ventilation	None required with normal use.
Chemical safety goggles	None required with normal use.
Lab coat, chemical-resistant gloves	None required with normal use.
Vapor respirator	None required with normal use.
Avoid contact with eyes and clothing	None required with normal use.
Wash thoroughly after handling	None required with normal use.

## Section 9 – PHYSICAL /CHEMICAL CHARACTERISTICS

Boiling Point	N/D	Specific Gravity	N/D	pH	6.8-7.2
Vapor Pressure	N/D	Melting Point	N/A	% Solids	N/A
Vapor Density	N/D	Evaporation Rate	N/D	Physical Form	Lotion
Viscosity	N/D	Phases/Layers	N/D	Solubility in water	Dispersible
Appearance and Odor: White, smooth, lotion.					

## Section 10 – STABILITY AND REACTIVITY

Stability	Stable
Incompatibility	None Known
Hazardous Decomposition/Byproducts	None Known
Hazardous Polymerization	Has not been reported

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## Section 11 – TOXICOLOGICAL INFORMATION

Routes of entry: oral, dermal, ocular
Acute and Chronic Effects: None anticipated from normal use. May be irritating to skin and eyes. If ingested, may cause gastrointestinal distress.
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

## Section 12 – ECOLOGICAL INFORMATION

Ecotoxicity: N/D
BOD5 and COD: N/D
Products of Biodegradation: N/D
Toxicity of the Products of Biodegradation: N/D

## Section 13 – DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose According To Local, State/Province, Federal & International Regulations. Not a characteristic hazardous or listed waste by USEPA & RCRA (40CFR PART 261)
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## Section 14 – TRANSPORT INFORMATION

ICAO Shipping Name	Non-hazardous
CFR Shipping Name	Non-hazardous
Tariff Number: N/D	

## Section 15 – REGULATORY INFORMATION

N/D
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## Section 16 – OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. APPLIED GENETICS INC. DERMATICS SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR CONTACT WITH THE ABOVE PRODUCT.
This form complies with OSHA's HCS, 29 CFR 1910.1200.