



# MATERIAL SAFETY DATA SHEET

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Vitamin A&D Ointment

**Product No.:** 582

**Manufacturer/Supplier Name:**

Perrigo Company  
515 Eastern Avenue  
Allegan, MI 49010, USA  
Telephone number: 269-673-8451

**Emergency Telephone:**

3E Emergency response: 888-464-2986

**Intended Use:** Pharmaceutical cream/lotion

## 2 HAZARDS IDENTIFICATION

**Emergency Overview**

**Physical State:** Cream/Lotion

**Color:** Pale yellow, opaque, straw colored

**Odor:** Medicinal

**CAUTION!**

May cause eye irritation.

**Potential Health Effects**

**Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Eye Contact:** May cause eye irritation. Exposed individuals may experience eye tearing, redness, and discomfort.

**Skin Contact:** May cause mild skin irritation upon prolonged and excessive contact.

**Ingestion:** May cause discomfort if swallowed.

**Chronic Health Effects:** None known.

**Target Organ(s):** | Eye |

**Potential Physical / Chemical Effects:** This product is not flammable.

**OSHA Regulatory Status:** This product is not hazardous according to OSHA 29CFR 1910.1200.

**Environment:** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration*
†Petrolatum, USP (Yellow PET #2a)	8009-03-8	50 - 60%
Mineral oil white	8042-47-5	15 - 20%
Lanolin, USP (Anhydrous)	8006-54-0	15 - 20%
Microcrystalline Wax	63231-60-7	5 - 10%
Cod liver Oil, USP	8001-69-2	1 - 5%
†Paraffin Wax SP674	8002-74-2	1 - 5%
Fragrance A&D Type #109-304	-	< 1%
Carrot Oil	-	< 0.1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

† This chemical is hazardous according to OSHA criteria.

### 4 FIRST AID MEASURES

**Inhalation:** If symptomatic, move to fresh air.

**Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Skin Contact:** Wash skin with soap and water. Get medical attention if any discomfort continues.

**Ingestion:** Rinse mouth thoroughly. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

**Extinguishing Media:** This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable Extinguishing Media:** Not applicable.

**Special Fire Fighting Procedures:** No specific fire fighting procedure given.

**Unusual Fire & Explosion Hazards:** During fire, gases hazardous to health may be formed.

**Hazardous Combustion Products:** Carbon Oxides, Unidentified organic compounds

**Protective Measures:** Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Flammability Class:** NFPA Rating Fire = 0. Materials that will not burn.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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**Personal Precautions:** Avoid contact with eyes. See Section 8 of the MSDS for Personal Protective Equipment.

**Spill Cleanup Methods:** Absorb spillage with suitable absorbent material. For waste disposal, see section 13 of the MSDS.

**Notification Procedures:** Inform authorities if large amounts are involved.

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Handling:** Avoid contact with eyes. Observe good industrial hygiene practices. See Section 8 of the MSDS for Personal Protective Equipment.

**Storage:** Store in closed original container at room temperature. Store away from incompatible materials.

<b>8</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Exposure Limits:**

Chemical Name	Source	Type	Exposure Limits	Notes
Paraffin Wax SP674 (Fume.)	US. ACGIH TLV	TWA	2 mg/m <sup>3</sup>	

**Engineering Controls:** Provide adequate ventilation.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134 Respiratory Protection. Seek advice from local supervisor.

**Eye Protection:** Risk of contact: Wear approved safety goggles.

**Hand Protection:** For prolonged or repeated skin contact use suitable protective gloves.

**Skin Protection:** No special precautions.

**Hygiene Measures:** Wash hands after handling.

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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**Color:** Pale yellow, opaque, straw colored

**Odor:** Medicinal

**Odor Threshold:** No data available.

**Physical State:** Cream/Lotion

**pH:** No data available

**Melting Point:** No data available.

**Freezing Point:** No data available.

**Boiling Point:** No data available.  
**Flash Point:** No data available.  
**Evaporation Rate:** No data available.  
**Flammability Limit - Upper (%):** No data available.  
**Flammability Limit - Lower (%):** No data available.  
**Vapor Pressure:** No data available.  
**Vapor Density (Air=1):** No data available.  
**Specific Gravity:** No data available.  
**Solubility in Water:** Insoluble or slightly soluble  
**Solubility (Other):** No data available.  
**Partition Coefficient (n-Octanol/water):** No data available.  
**Autoignition Temperature:** No data available.  
**Decomposition Temperature:** No data available.  
**Viscosity:** No data available.

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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**Stability:** This product is stable under expected conditions of use.

**Conditions to Avoid:** Heat.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:**

At Elevated Temperatures:	Carbon Oxides, Unidentified organic compounds
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<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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**Specified Substance(s)**

**Acute Toxicity:**

**Test Results:** No test data available for the ingredients.

Chemical Name	Test Results
Microcrystalline Wax	Oral LD50 (Rat): 10000 mg/kg
Mineral oil white	Oral LD50 (Rat): 5000 mg/kg

**Listed Carcinogens:** None.

**Product Information**

**Acute Toxicity:**

**Test Results:** No test data available for the product.

**Other Acute:** May cause eye irritation.

**Chronic Toxicity:** None known.

<b>12</b>	<b>ECOLOGICAL INFORMATION</b>
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**Ecotoxicity:** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the

environment. No data available.

**Mobility:** The product is insoluble or slightly soluble in water.

**Persistence and Degradability:** No data available.

**Bioaccumulation Potential:** No data available.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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**General Information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal Methods:** No specific disposal method required.

**Container:** Since emptied containers retain product residue, follow label warnings even after container is emptied.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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**DOT** Non hazardous for transport.

**IATA** Non hazardous for transport.

**IMDG** Non hazardous for transport.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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**Inventory Status:** All ingredients are either listed or exempt from listing on EINECS, DSL or TSCA.

**US Regulations**

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not regulated.

**SARA Title III**

**Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A):** Not regulated.

**Section 311/312 (40 CFR 370):**

Acute (Immediate)     Chronic (Delayed)     Fire     Reactive     Pressure Generating

**Section 313 Toxic Release Inventory (40 CFR 372):**

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**  
Not regulated.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):** Not regulated.

**Drug Enforcement Act:** Not regulated.

**TSCA**

**TSCA Section 4(a) Final Test Rules & Testing Consent Orders:** Not regulated.

**TSCA Section 5(a)(2) Final Significant New Use Rules (SNURs) (40CFR 721, Subpt. E):** Not regulated.

**TSCA Section 5(e) PMN-Substance Consent Orders:** Not regulated.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

### State Regulations

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** Not regulated.

**Massachusetts Right-To-Know List:** Paraffin Wax SP674

**Michigan Critical Materials List (Michigan Natural Resources and Environmental Protection Act (Act. 451 of 1994)):** Not regulated.

**Minnesota Hazardous Substances List:** Paraffin Wax SP674

**New Jersey Right-To-Know List:** Not regulated.

**Pennsylvania Right-To-Know List:** Cod liver Oil, USP; Lanolin, USP (Anhydrous); Paraffin Wax SP674

**Rhode Island Right-To-Know List:** Cod liver Oil, USP; Paraffin Wax SP674

<b>16</b>	<b>OTHER INFORMATION</b>
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### HAZARD RATINGS

	Health Hazard	Fire Hazard	Instability	Special Hazard
<b>NFPA</b>	1	0	0	--

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

NFPA Label colored diamond code: Blue - Health; Red - Flammability; Yellow - Instability; White - Special Hazards

	Health Hazard	Flammability	Physical Hazard	Personal Protection
<b>HMIS</b>	1	0	0	B

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Personal Protection codes: B - Safety Glasses, Gloves

HMIS Label colored bar code: Blue - Health; Red - Flammability; Orange - Physical Hazards; White - Special

**Issue Date:** 01-Oct-2008

**Supersedes Date:**

**SDS No.:** 582

**Disclaimer:** This MSDS 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.

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