



State of the art ingredients · fast friendly service

Product: Revolution P

NFPA Hazard codes:

Health: 0 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 0 Flammability: 1 Physical hazard: 0 Personal protection: D

HMIS Note: * Indicates possible chronic health effects.

1. Identification of the Substance/Preparation and of the Company/Undertaking

Emergency information

Emergency 24-Hour (24h) +1-800-873-1138 Health/Environmental Phone:

CHEMTREC: (800) 424-9300 (24hrs) or (703) 527-3887

Product information

Product: Revolution P (STERILE)

Use: Ingredient for cosmetic products.

INCI Name: Panthenol

MSDS Comment: For use in cosmetics.

2. Hazards Identification

Emergency overview

Signal word: NOTICE! !

Colour: yellowish

Appearance: liquid

State of matter: liquid

Odour: odourless

Health: This product has no known adverse effect on human health.

Physical/Chemical None Expected

hazards:

Potential health effects



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Primary routes of entry:

Skin, Eyes, Inhalation, Ingestion

Chronic exposure:

No known hazards

3. Composition/Information on Ingredients

This material is classified as not hazardous under OSHA regulations.

4. First-aid Measures

Inhalation:

Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Skin:

After contact with skin, wash immediately with plenty of water and soap.
Get medical attention if irritation occurs.

Eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion:

Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

5. Fire-fighting Measures



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Suitable extinguishing media:

carbon dioxide, dry powder, foam

Hazardous combustion products:

Burning may produce toxic combustion products., Carbon and nitrogen oxides.

Hazards during fire-fighting:

Standard procedure for chemical fires.

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

6. Accidental Release Measures

Cleanup:

Pick up with inert absorbent material (e.g. sand, earth etc.).
Place into approved waste containers.
Wear suitable protective equipment.
Should not be released into the environment.

7. Handling and Storage

Handling

General advice:

As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

Protection against fire and explosion:



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No physical hazards determined at this time. Handle this liquid with care and follow standard industrial practices.

Storage

General advice:

Keep container tightly closed in a dry, cool and well-ventilated place.
Keep from freezing.
Sensitive to heat above 25°C (77°F).
Sensitive to cold below 4°C (39°F).

8. Exposure Controls and Personal Protection Engineering Controls:

Work in well ventilated areas. Do not breathe vapors or mist.

Personal protective equipment Respiratory protection:

Wear a NIOSH-certified respirator as necessary.

Eye protection:

Tightly fitting safety goggles (splash goggles) (EN 166)

Body protection:

Wear chemical resistant gloves and protective clothing.

General safety and hygiene measures:

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

9 Physical and Chemical Properties

Colour:	yellowish	
Form:	liquid	
State of matter:	liquid	
Odour:	odourless	
pH value:	5 -7	(25 °C)
Flash point:		No data available.
Self-ignition temperature:		Data not available
Melting point:		No data available.
Boiling point:		No data available.
Vapour pressure:		No data available.
Density:	1 - 1.02 g/cm3	(20 °C)
Partitioning coefficient n octanol/water (log Pow):		No data available.



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Viscosity, dynamic: 1 - 3 mPa.s
% Volatiles: not determined
Solubility in water: miscible

10 Stability and Reactivity

Stability:

Stable

Conditions to avoid: Avoid temperature extremes, especially frost and freezing conditions.

Substances to avoid: Strong oxidizing agents, strong acids, strong bases.

Possibility of Hazardous Reactions: No hazardous reactions known.

Hazardous decomposition products: No decomposition expected under normal storage conditions.

11. Toxicological Information

Acute oral toxicity:

Not determined.

Acute inhalation toxicity:

Not determined.

Acute dermal toxicity:

Not determined.

Skin irritation:

(Rabbits) Mild skin irritant. (based on known component information)

Eye irritation:

rabbit:

Mild eye irritant. (based on known component information)

Skin Sensitization:

Not evaluated

Subacute toxicity:

not determined



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Subchronic Toxicity:

not determined

Chronic toxicity:

not determined

Genetic toxicity:

Not determined.

Carcinogenicity:

None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity:

not determined

Developmental toxicity/teratogenicity:

not determined

Other relevant toxicity information:

Based on the data of the components no hazard classification is required.

12. Ecological Information Toxicity to fish:

Not tested

Toxicity to aquatic invertebrates:

Not tested

Toxicity to aquatic plants:

Not tested



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Toxicity to microorganisms:

Not tested

13. Disposal Considerations Waste disposal of
substance:

Dispose of in accordance with national, state and local regulations.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

14. Transport Information

U.S. Department of Transportation

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

Road transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

Air transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

International Air Transport Association (IATA)

Special shipping information: Not classified as a dangerous good under transport regulations.

International Maritime Dangerous Goods Code (IMDG)

Special shipping information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information



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US: Toxic Substances Control Act (TSCA): All component(s) comprising this product are either exempt or listed on the TSCA inventory

Canada: Domestic Substances List (DSL): All components either exempt or listed on the DSL

United States - Regulations SARA Section 311/312 Hazard Communication Standard:

Acute Health:	N	Fire:	N
Chronic Health:	N	Reactivity: Sudden release of pressure:	N N

SARA Reportable Quantities:

No components listed.

SARA Section 313 Toxic Chemical List:

No components listed.

OSHA hazard category:

This material is classified as not hazardous under OSHA regulations.

Toxic Substances Control Act (TSCA) Significant New Use Rule (SNUR):

This product is not subject to a Significant New Use Rule (SNUR).

Toxic Substances Control Act (TSCA) Section 5(e) Consent Orders:

This product is not subject to a Section 5(e) Consent Order.

Toxic Substances Control Act (TSCA) Section 5(f):

This product is not subject to a Section 5(f)/6(a) rule.

Toxic Substances Control Act (TSCA) Section 12(b) Export Notification:



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No components listed.

Clean Air Act - Hazardous Air Pollutants (HAP):

This product does not contain any Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act 602 - Ozone Depleting Substances (ODS):

This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

Clean Water Act -Priority Pollutants (PP):

This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307(2)(1) Priority Pollutant List (40 CFR 401.15).

Pennsylvania Right to Know:

This product does not contain any components that are subject to the Pennsylvania Right-To-Know disclosure requirement.

California Proposition 65 - Chemicals Known to the State to Cause Cancer:

No components listed.

California Proposition 65 - Chemicals Known to the State to Cause Reproductive Toxicity:

No components listed.

International Regulations

Chemical Weapons Convention:

This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.



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16. Other Information

Disclaimer:

The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use.

Disclaimer

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. As the ordinary or otherwise use(s) of this product is outside the control of Ingredients To Die For, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained.

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