



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: REVOFIL AQUASHINE BR

Chemical Formula: Not Applicable

1.2. Relevant identified uses of the substance or mixture, and uses advised against

Identified uses: Cosmetic Use Only

1.3. Details of the supplier of the safety data sheet

- Manufacturer: CAREGEN CO., LTD.
- Address: 46-38, LS-ro 91beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 431848 South Korea
- Telephone: +82-31-420-9200
- Charge Department: CAREGEN R&D Center
- Documentation Department: CAREGEN Manufacturing Department

1.4. Emergency telephone number

Emergency Contact Number: +82-31-420-9281

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2. Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

2.3. Other hazards

None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Mixtures



Ingredients(INCI Name)	Reference
Water (Aqua)	ICID
Sodium Hyaluronate	ICID
Oligopeptide-34	ICID
Oligopeptide-51	ICID
Oligopeptide-23	ICID
Oligopeptide-72	ICID
Coenzyme A	ICID
Nicotinamide Adenine Dinucleotide	ICID
Thiamine Diphosphate	ICID
Disodium Flavine Adenine Dinucleotide	ICID
Retinol	ICID
Pyridoxine	ICID
Thiamine Nitrate	ICID
Biotin	ICID
Tocopherol	ICID
Riboflavin	ICID
PABA	ICID
Inositol	ICID
Niacinamide	ICID
Cyanocobalamin	ICID
Menadione	ICID
Calcium Pantothenate	ICID
Ascorbic Acid	ICID
Folic Acid	ICID
Aminobutyric acid	ICID
Aspartic Acid	ICID
Glutamic Acid	ICID
Alanine	ICID
Arginine	ICID
Asparagine	ICID
Glycine	ICID
Cystine	ICID
Glutamine	ICID
Isoleucine	ICID
Hydroxyproline	ICID
Histidine	ICID



Methionine	ICID
Leucine	ICID
Lysine	ICID
Proline	ICID
Ornithine	ICID
Phenylalanine	ICID
Threonine	ICID
Serine	ICID
Valine	ICID
Taurine	ICID
Tryptophan	ICID
Tyrosine	ICID
Calcium Chloride	ICID
Magnesium Sulfate	ICID
Potassium Chloride	ICID
Sodium Phosphate	ICID

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact

Flush eye with water as a precaution.

Skin contact

Wash off with soap and plenty of water.

If inhaled

Move the exposed person into fresh air. If not breathing, give artificial respiration.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media



Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3. Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4. Further information

No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat and sources of mechanical stress.

Provide appropriated exhaust ventilation at places where dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: 4~16 °C

7.3. Specific end use(s)

No data available



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components with workplace control parameters.

8.2. Exposure controls

Appropriate engineering controls

General industrial hygiene practice

Personal protective equipment

- Eye/face protection

Use equipment for protection tested and approved under appropriate government standards such as NIOSH(US) or EN 166(EU).

- Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU directive 89/686/EEC and the standard EN374 derived from it.

- Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

- Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



9.1. Information on basic physical and chemical properties

- a) Appearance: Viscous transparent
- b) Color: Transparent
- c) Odor: Characteristic
- d) pH(25°C): 6.30~8.30(Direction)
- e) Osmotic Pressure : 270~345 mOsm
- f) Injection Pressure : ≤ 40.0 N
- g) Flash Point : >100
- h) Boiling Point : >100
- i) Melting Point : N/A
- j) Water Solubility : Soluble

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Strong radiation can destroy biological activity.

Detergent can destroy biological activity.

10.5. Incompatible materials

Strong acids, Strong bases

10.6. Hazardous decomposition products

Other decomposition products – no data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects



- a) Skin irritation: Data available
- b) Skin sensitization: Data available
- c) Genotoxicity: Data available
- d) Reproductive toxicity: Data available
- e) Eye irritation: Data available
- f) Skin penetration: Data available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Non-toxic product

12.2. Persistence and degradability

This product is biodegradable.

12.3. Bioaccumulative potential

Non-bioaccumulative product

12.4. Mobility in soil

Not determined.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION



14.1. UN number

ADR/RID: - IMDG: - IATA:-

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA:-

14.4. Packing group

ADR/RID: - IMDG: - IATA:-

14.5. Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information inquired.

SECTION 15: REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No.1907/2006.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2. Chemical safety assessment

No data available

SECTION 16: OTHER INFORMATION

Revision date:

Revision number: 03



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