

HANWOONG Inc.

114, Osongsaengmyeong 6-ro, Osong-eup, Cheongju-si, Chungcheongbuk-do, Korea

Tel : 82-43-235-5921 Fax : 82-43-235-5924

Material Safety Data Sheet

1. Product and Manufacture

- Product name : RefectoCil Eye Care Pads
- Application : Apply to the Face skin
- Manufacture : HANWOONG Inc.
- Address : 114, Osongsaengmyeong 6-ro, Osong-eup, Cheongju-si, Chungcheongbuk-do, Korea
- Tel : 043-235-5921
- Fax : 043-235-5924

2. Composition/information on ingredients

- Information on Product : Hydrogel Sheet
- Composition data on ingredients

NO	Name	Cas. No.	SOURCES
01	Water	7732-18-5	I.C.I.D
02	Glycerin	56-81-5	I.C.I.D
03	Sorbitol	50-70-4	I.C.I.D
04	Sodium Polyacrylate	9003-04-7	I.C.I.D
05	Kaolin	1332-58-7	I.C.I.D
06	Ricinus Communis (Castor) Seed Oil	8001-79-4	I.C.I.D
07	Cellulose Gum	9004-32-4	I.C.I.D
08	Butylene Glycol	107-88-0	I.C.I.D
09	Polyacrylic Acid	9003-01-4	I.C.I.D
10	Aspergillus Ferment	-	I.C.I.D
11	Sorghum Bicolor Leaf/Stem Extract	-	I.C.I.D
12	Volcanic Ash Extract	-	I.C.I.D
13	Lecithin	8002-43-5	I.C.I.D
14	Butyrospermum Parkii (Shea) Butter Extract	91080-23-8	I.C.I.D
15	Juglans Regia (Walnut) Seed Extract	-	I.C.I.D
16	Macadamia Ternifolia Seed Extract	-	I.C.I.D
17	Persea Gratissima (Avocado) Fruit Extract	-	I.C.I.D
18	Prunus Amygdalus Dulcis (Sweet Almond) Seed Extract	90320-37-9	I.C.I.D
19	Simmondsia Chinensis (Jojoba) Seed Extract	90045-98-0	I.C.I.D
20	Charcoal Powder	-	I.C.I.D
21	Acetyl Glutamine	2490-97-3	-
22	Bacillus/Folic Acid/Soybean Ferment Extract	-	I.C.I.D
23	Sodium Hyaluronate	9067-32-7	I.C.I.D
24	Gold*	7440-57-5	I.C.I.D
25	sh-Oligopeptide-1	-	I.C.I.D

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26	sh-Oligopeptide-2	-	I.C.I.D
27	sh-Polypeptide-1	-	I.C.I.D
28	sh-Polypeptide-11	-	I.C.I.D
29	sh-Polypeptide-9	-	I.C.I.D
30	Allantoin	97-59-6	I.C.I.D
31	Aloe Barbadensis Leaf Juice Powder	85507-69-3	I.C.I.D
32	Tocopheryl Acetate	58-95-7	I.C.I.D
33	Aluminum Hydroxide	21645-51-2	I.C.I.D
34	Tartaric Acid	87-69-4	I.C.I.D
35	1,2-Hexanediol	6920-22-5	I.C.I.D
36	Caprylyl Glycol	1117-86-8	I.C.I.D
37	Phenoxyethanol	122-99-6	I.C.I.D
38	Disodium EDTA	139-33-3	I.C.I.D
39	Titanium Dioxide / CI 77891	52357-70-7	I.C.I.D
40	Butylphenyl Methylpropional	80-54-6	I.C.I.D
41	Fragrance	8006-90-4	I.C.I.D

* No components need to be disclosed

3. Hazard, Dangerousness identification

- Human Health Hazards : None known
- Hazard statement : May be harmful if swallowed

4. Emergency Reaction & First-Aid Measures

- Inhalation : Remove from exposure to fresh air if symptomatic. Get medical attention if symptoms persist.
- Ingestion : Rinse mouth with clean water. If swallow, contact a physician immediately
- Contact in eye(eyeball) : Flush immediately with clean water for some minutes. Contact a physician if necessary
- Contact in skin : Safe

5. Reaction in case of Explosion, Fire

- Extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
- Special hazards arising from substance or mixture : No Data available
- Protective equipment and precautions : Wear protective fire-fighting equipment
- The product itself does not burn

6. Accidental Release Measures

- Personal Precautions : Rinse water or dry towel.
Avoid contact with mucous membranes and eyes
- Environmental Precautions : Do not empty into drains
- Methods of cleaning : Rinse the remaining material with lots of water

7. Handling and Storage

- Handling : No special measures required.
- Storage : Protect from heat and sunlight and store at normal temperature in package state

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8. Exposure Controls/Personal Protection

- Exposure Limits : Not applicable
- Safety for personal care equipment : No needs for special equipment

9. Physical and Chemical specification

Test items	Specifications	Test methods
Appearance	Hydrogel Sheet	Visual Test
Color	Hazy White	Visual Test
Odour	Compare to Standard	Odour Test
pH (at 25 °C)	pH 4.5 ~ 5.5	HANWOONG Test Method ¹⁾
Microorganism	Total microbial count : < 100CFU/g Escherichia coli : Not Detection Pseudomonas aeruginosa : Not Detection Staphylococcus aureus : Not Detection	KFDA Microbiology Guideline
Flash point	No information available	No information available
Flammability	Non-flammable	No information available

1) KFDA 2009-8: Not applicable in accordance with Notice No. 2009-8. Administration as an internal standard

10. Stability and Reactivity

- Chemical Stability : Safety under normal temperature and pressure
- Possibility of hazardous reaction : not applicable
- Conditions to avoid : Not applicable
- Incompatible materials : None
- Hazardous decomposition products : None

11. Toxicological Information

- Acute toxicity : No Data available
- Skin Corrosion/Irritation : No skin irritation
- Serious eye damage/eye irritation : No eye irritation
- Respiratory or skin sensitisation : Did not cause sensitization
- Carcinogenicity : No Data available
- Germ cell mutagenicity : No Data available
- Reproductive toxicity : No Data available
- Target organ toxicity(Single exposure) : No Data available
- Target organ toxicity(Repeated exposure) : No Data available
- Aspiration Toxicity : No Data available

12. Ecological information

- Ecology Toxicity : No Data available
- Persistence and degradability : No Data available
- Bioaccumulative potential : No Data available
- Other adverse effects : No Data available

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13. Disposal considerations

- Recommendation about product : Regard it s a normal scrapped materials
- Recommendation about packaging : Disposal must be made according to official regulations

14. Information for transportation

- General information : Product not classified as dangerous for transport.
- Road (RID/ADR) : Not hazardous
- Sea (IMO) : Not hazardous
- Air (ICAO/IATA) : Not hazardous

15. Regulatory Information

- Designated Ingredient for Mix Limit : Not Exceeding for designated limit
- Prohibition Ingredient for Mixture : No use
- Labeling as dangerous goods is not required.

16. Other Reference Information

- The information herein is given in good faith and corresponding to our present state of knowledge and experience. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.
- Reporting Date : 2020. 09. 17
- For more detailed information, please kindly contact with laboratory without hesitation
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