

MATERIAL SAFETY DATA SHEET(MSDS)

1. Identification of the substance/preparation and of the company/undertaking

A. Product Name : Keratin Booster

B. General Properties : Cream with a unique smell.

C. Hazard Class : Skin irritative.

D. Product Use : Eyelashes Treatment.

2. Composition/Information on Ingredients

* Appendix 1.

3. Hazards Identification

A. Emergent danger. hazards information : No risk of a fire or explosion because of
Solubility in water. B. Eyes : May cause an
irritation.

C. Skin : May cause an irritation.

D. Inhalation: No irritation.

E. Digestion : May cause a vomiting, nausea and diarrhea.

F. Chronic symptom : Any long-term exposure may cause chronic symptoms such as
omiting and nausea. v

4. First-Aid Measures

- A. Eye contact : In case of contact, flush the eyes with plenty of water or saline solution.
If lasting, a medical attention is required.
- B. Skin contact : Flush the region with water or neutral detergent .
- C. Inhalation : No first aid measures specially required.
- D. Ingestion : Move a person with ingestion from a place exposed to dust to another place. Depending on symptoms, attend a person supportively and get a proper medical attention.
- E. Medical attention : Requires an appropriate measure depending on symptoms.

5. Fire and Explosion

- A. Flash point : None.
- B. Flammable limits : Non flammable.
- C. Max./Min. Flash limits : No data.
- D. Class/Restriction by the Fire-Fighting Act : No data.
- E. Fire-fighting agent : Non flammable.
- F. Fire-fighting procedure : No fire-fighting equipment specially required.
- G. Hazardous substance generated by combustion : No data.
- H. Fire-fighting agent to be avoided : No data.

6. Accidental Release Measures

- A. Personal precautions.

Cut off any source of ignition, put on essential safety devices(safety goggles, safety uniform and safety gloves) and prevent unnecessary/unauthorized person from approaching the site.

B. Environmental precautions .

Contaminating the soil or directly flowing into drainage or waterway is strictly prohibited.

C. Purification and collection.

In case of any spill or exposure, the product should be collected into an empty container while remaining should be cleaned up.

7. Handling and Storage

A. Safe Handling Tips : A worker should minimize contact with the product. While handling it, contact with the eyes and skin should be avoided.

B. Storage : A long-term storage is not recommended while it should be stored with a special care in summer/winter season due to the deterioration. Freezing should be also avoided. It be stored in the shade without direct sunlights.

8. Exposure Prevention and Personal Protection

- A. Engineering control : Use a proper ventilation system when a worker is producing.
- B. Respiratory organ prevention : Put on a mask.
- C. Eye protection : Not necessary of any separate devices but in case of any contact, immediately flush the eyes with water.
- D. Hand protection : Not necessary of any separate devices.
- E. Physical protection : Wear boots, helmet and uniform.
- F. Hygienic caution : Immediately replace contaminated clothes and wash it in case of reuse.
- G. Exposure criteria : No data.

9. Physical and Chemical Properties

- A. Appearance : Pink Cream
- B. Smell : It smell perfume.
- C. PH : 4.0~5.0
- D. Solubility(water): Soluble.
- E . Boiling point : 120°C
- F. Melting point : No data.
- G. Explosiveness : No data.
- H. Oxidization : No data.
- I. Vapor pressure : No data.
- J. Special gravity : 0.95~ 1.05 K. Partition coefficient : No data.
- L. Steam density : No data.
- M. Hardness : 10~20
- N. Molecular weight : No data.

10. Stability and Reactivity

- A. Chemical stability : Stable if normally handling it at ambient temperature and pressure.
- B. Conditions/substances to be avoided : temperature lower than 0°C higher than 50°C

Strong acid or inflammable substances.

C. Dangerous substances generated by the dissolution : Thermal decomposition.
Offensive/irritative fume.

D. Hazardous Substance Generation by reaction : No risky polymerization reaction at ambient temperature and pressure reported.

11. Toxicological Information

A. Acute oral toxicity : No data.

B. Acute inhalation toxicity : Inhalation/ingestion hazard is not obvious.

C. Subacute toxicity : No data.

D. Chronic toxicity : No data.

E. Mutagenic effect : No data.

F. Next generation effect(reproduction toxicity) : No data.

G. Carcinogenic effect : No data.

H. Other remarks : No data.

12. Ecological/Environmental Information

A. Aquatic & ecological toxicity : No data.

B. Soil migratory : No data.

C. Residue and decomposition : Easily decomposed by microorganism.

D. Accumulation inside the body: No data.

13. Disposal Considerations

A. Regulation by the Waste Control Act : Article No.25 of the Waste Control Act.

B. Disposal method : Followed by the applicable laws.

C. Disposal caution : Followed by the applicable laws.

14. Transport Information

A. Class/restriction by the Safe Shipping Act and the Act on Transport and Storage of Dangerous Goods by Ship : No data.

B. Transport caution : The product is not an article controlled by Dangerous Article Transport.

C. Class/restriction by other foreign transport-related regulations : No data.

15. Regulatory Information

A. Restriction by the Occupational Safety and Health Act : No data.

B. Restriction by the related chemical-control acts of other ministries including the Hazardous Product Act : No data.

C. Restriction by other foreign acts : No data.

16. Other Information

A. Source of Data : The information and recommendation contained in the MSDS are based on our knowledge; all the knowledge information and reference are settled and while the information has been prepared to be available for other its settlement is not guaranteed. Otherwise unspecified in the information may be inferred from the laws. Any explanation, determination of information or the product's reasonable limit for a specific method user's responsibility.

~ NAME OF PRODUCT : Booster

* Material contained in 100g

NO	Raw Material name	Content(%)	Function	CAS No
1	Water	80.67980000	Solvent	7732-18-5
2	Cetearyl Alcohol	6.00000000	Emulsion Stabilizer	67762-27-0
3	Dipropylene Glycol	3.00000000	Solvent	25265-71-8
4	Behentrimonium Chloride	2.80000000	Antistatic Agent	17301-53-0
5	Cyclopentasiloxane	2.55000000	Conditioning Agent	541-02-6
6	Isopropyl Myristate	1.00000000	Conditioning Agent	110-27-0
7	Isopropyl Alcohol	0.70000000	Solvent	67-63-0
8	Olea Europaea (Olive) Fruit Oil	0.50000000	Conditioning Agent	8001-25-0
9	Butyrospermum Parkii (Shea) Butter	0.50000000	Skin Protectant	91080-23-8
10	Cocos Nucifera (Coconut) Oil	0.50000000	Conditioning Agent	8001-31-8
11	Phenoxyethanol	0.50000000	Preservative	122-99-6
12	Dimethiconol	0.45000000	Conditioning Agent	70131-67-8
13	Guar Hydroxypropyltrimonium Chloride	0.30000000	Viscosity Increasing Agent	65497-29-2
14	Crambe Abyssinica Seed Oil	0.10000000	Conditioning Agent	68956-68-3
15	Hydrolyzed Keratin	0.10000000	Conditioning Agent	69430-36-0
16	Fragrance	0.10000000	Fragrance	-
17	Panthenol	0.10000000	Conditioning Agent	16485-10-2
18	Persea Gratissima (Avocado) Oil	0.09000000	Conditioning Agent	8024-32-6
19	Butylene Glycol	0.01500000	Solvent	107-88-0
20	Vegetable Oil	0.00995000	Conditioning Agent	68956-68-3
21	Glycine	0.00122500	Conditioning Agent	56-40-6
22	Serine	0.00068000	Conditioning Agent	56-45-1
23	Glutamic Acid	0.00063000	Conditioning Agent	56-86-0
24	Aspartic Acid	0.00039500	Conditioning Agent	56-84-8
25	Leucine	0.00034500	Conditioning Agent	61-90-5
26	Alanine	0.00022000	Conditioning Agent	56-41-7
27	Lysine	0.00021000	Conditioning Agent	56-87-1
28	CI 17200	0.00020000	Colorant	3567-66-6
29	Arginine	0.00019000	pH Adjuster	74-79-3
30	Tyrosine	0.00017000	Conditioning Agent	60-18-4
31	Phenylalanine	0.00016000	Conditioning Agent	63-91-2
32	Threonine	0.00015000	Conditioning Agent	72-19-5
33	Proline	0.00015000	Conditioning Agent	147-85-3
34	Valine	0.00015000	Conditioning Agent	72-18-4
35	Isoleucine	0.00013500	Conditioning Agent	73-32-5
36	Histidine	0.00007500	Conditioning Agent	71-00-1
37	Methionine	0.00005750	Conditioning Agent	59-51-8
38	Cysteine	0.00005750	Conditioning Agent	52-90-4
39	Tocopherol	0.00005000	Conditioning Agent	119-13-1
40				

41				
42				
TOTAL		100.000		