



MATERIAL SAFETY DATA SHEET

MSDS No: MSDS2019005-54

MSDS Prepared By/Date: 18.02.2020

1. Chemical product and company identification

Product name: Brow Lamination Lifting Lotion	Manufacturer : Mrs.Highbrow
	Address: Van Woustraat 79, 1074 AD Amsterdam The Netherlands
	Telephone: 0031 643987807

2. Ingredients

INCI Name	CAS NO	EINECS NO	Concentration WT%
Aqua (Water)	7732-18-5	231-791-2	>50 - <=75%
Cetearyl Alcohol	67762-27-0	267-008-6	>5 - <=10%
Ammonium Thioglycolate	5421-46-5	226-540-9	>1 - <=5%
Cetareth-20	68439-49-6	/	>1 - <=5%
Ethanolamine	141-43-5	205-483-3	>1 - <=5%
Glycerin	56-81-5	200-289-5	>0,1 - <=1%
Paraffinum Liquidum (Mineral Oil)	8012-95-1	232-384-2	>0,1 - <=1%
Chamomilla recutita (Matricaria) Flower Extract	84082-60-0	282-006-5	<=0,1%
Hydrolyzed Corn Protein	100209-41-4	309-349-6	<=0,1%
Hydrolyzed Wheat Protein	94350-06-8	305-225-0	<=0,1%
Hydrolyzed Soy Protein	/	/	<=0,1%
Dimethicone	63148-62-9	/	<=0,1%
Parfum (Fragrance)	/	/	>0,1 - <=1%
Polyquaternium-6	26062-79-3	/	>0,1 - <=1%

Etidronic Acid	2809-21-4	220-552-8	<=0,1%
Cetrimonium Chloride	112-02-7	203-928-6	>0,1 - <=1%
Ammonium Hydroxide	1336-21-6	215-647-6	>0,1 - <=1%
Phenoxyethanol	122-99-6	204-589-7	>0,1 - <=1%
Ethylhexylglycerin	70445-33-9	408-080-2	<=0,1%
Tetrasodium Edta	64-02-8	200-573-9	<=0,1%
Sodium Sulfite	7757-83-7	231-821-4	<=0,1%
Propylene Glycol	57-55-6	200-338-0	<=0,1%
Citronellol	106-22-9	203-375-0	>0,1 - <=1%

3. Hazards identification

Physical state: Cream

Odor: Characteristic

Color: White

Emergency Overview



F; FLAMMABLE



Xi ; IRRITATING

4. First aid measures

4.1 Description of first aid measures

General instructions: If in doubt or when symptoms persist, seek a doctor, keeping the compound's safety schedule available. Do not administer any substance orally to unconscious persons. Remove contaminated clothing immediately.

In case of inhalation: remove the casualty to the open air; if respiration stops or is difficult, perform artificial respiration. Call a doctor immediately.

In case of contact with the skin: remove contaminated clothing and take a shower. Call a doctor immediately. Wash the contaminated clothing separately before reusing.

In case of contact with the eyes: wash immediately and thoroughly with water for at least 15 minutes. If used, remove contact lenses. Consult a doctor immediately.

In case of ingestion: rinse the mouth thoroughly without swallowing. Call a doctor immediately.

4.2 Main symptoms and effects, both acute and delayed

For symptoms and effects due to the content substances see chapter 11.

4.3 Indication of need to consult a doctor immediately and special treatments Follow the doctor's instructions

5. Fire-fighting measures

5.1 Fire extinguishers

5.1.1 SUITABLE fire extinguishers

Resistant alcohol foams, chemical powder, carbon dioxide, water spray

5.1.2 UNSUITABLE fire extinguishers

water jets

5.2 Special hazards deriving from the substance or mixture

Hazards due to exposure in case of fire

The product involved in a fire may develop toxic fumes.

5.3 Fire extinguishing guidelines for employees

General Information

In case of fire always don complete fire protection equipment.

Equipment

Protective helmet with visor, non-flammable clothing (non-flammable jacket and with bands around the arms, legs and waist), protective gloves (protective against fire, cuts and dielectric discharge), respirator (automatic breathing protection).

6. Accidental release measures

6.1. Personal safety, protection devices and procedures in case of emergency.

Provide adequate ventilation. Evacuate personnel to safety areas. Keep people away from loss, upwind. Avoid contact with skin and eyes. Do not inhale vapors / aerosols. Suitable as an escape mask: type A filter. Limit the duration and proportion of exposure. See Section 8 for personal protective equipment.

6.2. Environmental precautions.

Prevent penetration into the soil / subsoil. Preventing run-off into surface water or into the sewage system. Keep contaminated washing water and eliminate it. In case of gas leak or penetration into watercourses, soil or drains, inform the responsible authorities. Suitable material for collection: absorbent, organic material, sand.

6.3. Methods and materials for containment and for reinstatement.

Absorb the product with non-combustible material (sand, fabric, powder, aggregate, vermiculite) and place it in a container for removal according to local and national regulations.

6.4. Reference to other sections.

Any information regarding personal protection and disposal is provided in section 8 and 13

7. Handling and storage

7.1. Precautions for safe handling.

Handle and open the container with care. Avoid contact with eyes and skin. It is sufficient to rinse the eyes and parts of the body. Do not eat or drink in the area of use. It is allowed to stop only in a well-ventilated room. Use suction devices.

Limit the duration and proportion of exposure. This product must be handled in closed systems. Advice on protection against fire and explosion: Keep away from heat and sources of ignition. Avoid overheating.

7.2. Conditions for safe storage, including any incompatibilities.

Store at room temperature (<25 ° C) in the original container. Use hermetically sealed containers. Containers in polyethylene, polypropylene, fire-painted steel. Store the product in a way that does not compromise the health of people and the environment. Keep away from food or feed and beverages. Keep away from oxidizing agents, acids or strong bases.

8. Exposure controls/personal protection

8.1. Control parameters

Ammonium Hydroxide: T.L.V.-T.W.A.(ACGIH) 25ppm

8.2. Control of exposure

Considering that using the appropriate technical measures should always have priority over personal Protection equipment, ensure good ventilation in the work place via effective local aspiration or exhaust Air discharge. **Protection of the hands**

Protect the hands with category I work gloves (ref. Directive 89/686/EEC and standard EN 374) such as latex, PVC or equivalent. When deciding on the material for the work gloves, the following should be considered: degradation, breakage and permeation time. The resistance of the gloves should be verified before the use of compound products as it is not predictable. Gloves have a wear time that depends on the duration of exposure.

Protection of the skin

Don work clothes with long sleeves and safety footwear for professional use of category I (ref. Directive 89/686/EEC and standard EN 344). Wash with soap and water after having removed the protective clothing.

Respiratory protection

If exceeding the threshold value of one or more substances in the compound, refer to the daily exposure in the work environment or to a value set out by the company prevention and protection service, don a mask with type B or universal type filter of a class (1, 2 or 3) selected in relation to the usage concentration limit (ref. Standard EN 141). The use of equipment for protecting the respiratory system, such as paper masks for organic vapours and for dust/mist, is necessary in the absence of technical measures to limit the worker's exposure. The protection offered by masks is however limited. If the substance considered is odourless or its olfactory threshold exceeds the associated exposure limit and in the case of emergency, or when the exposure levels are unknown or the concentration of oxygen in the work environment is less than 17% in volume, don an open circuit compressed air respirator (ref. Standard EN 137) or external air respirator with complete mask, half mask or mouthpiece (ref. Standard

EN 138). **Protection of the eyes** It is recommended to don hermetic protective eyewear (ref. Standard EN 166)

9. Physical and chemical properties

9.1. Information on the essential physical and chemical properties

Important data for safety

Aspect: Creamy emulsion

Colour: Colorless

Odour: Characteristic – as scent

pH at 20°C: 9.30 – 9.50

Water solubility: soluble

Vapour density: Information not available

Decomposition temperature: data not available

Autoinflammability: data not available

Ignition point: data not available

Inflammability (solids, gases): data not available

Lower explosion limit: data not available

Upper explosion limit: data not available

Explosive properties: data not available

Vapour pressure (20° C): data not available

Odour threshold: data not available

Evaporation rate: data not available

Oxidative properties: data not available

10. Stability and reactivity

10.1. Reactivity.

The product may undergo decomposition and / or violent reactions.

10.2. Chemical stability.

See the above paragraph.

10.3. Potential for hazardous reactions. See section 10.1.

10.4. Conditions to be avoided.

High temperatures, temperatures $\leq -5^{\circ}\text{C}$.

10.5. Incompatible materials.

Avoid mixing with strong acids and oxidizers.

10.6. Products with hazardous decay.

In the event of fire, toxic fumes such as hydrogen sulfide, sulfur oxides, carbon oxides, nitrogen oxides may develop.

11. Toxicological information

11.1. Information on the toxicological effects

The product contains ingredients that could be harmful to health. These components are irritant to the skin and the mucous membranes of the eyes and the respiratory system. They could stimulate asthma attacks in sensitive individuals, could cause a sensitivity reaction in the skin and respiratory hypersensitisation. Effects due to chronic exposure: this mixture has not been tested for the effects of chronic exposure according to the

OHSA Hazard Communication Standard.

Target organs: skin, respiratory system.

Routes of ingress: inhalation, ingestion and the skin.

The general medical conditions, aggravated by exposure, will be related to the primary toxic

(pharmacological) effect of the substance; any pre-existent dermatitis could deteriorate through the present of a skin irritant, as also bronchitis could be aggravated by the dust in the air.

Harmful for ingestion. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Further information: the damage to health under normal use is unknown and unpredictable.

11.2 Toxicological information regarding the raw material content

<u>Ammonium</u>	LD50	rat, oral	50-200
<u>Thioglycolate:</u>			mg/kg
		rat, dermal	>2000
			mg/kg
<u>Ammonium Hydroxide:</u>	LD50	rat, oral	350 mg/kg

<u>Tetrasodium Edta:</u>	LD50 rat, oral 1780-2000 mg/kg rat, inalathion >1mg/l
<u>Cetrimonium Chloride:</u>	LD50 rat, oral 1550 mg/kg dermal 1821 mg/kg

12. Ecological information

Use according to good working practices, avoiding discarding the product in the environment. Notify the competent authorities if the product has entered water courses or sewers or has contaminated the soil or vegetation.

12.1. Toxicity

N.A. No specific information is available on this product

12.2. Persistence and degradability

N.A. No specific information is available on this product

12.3. Bioaccumulation potential

N.A. No specific information is available on this product

12.4. Soil mobility

N.A. No specific information is available on this product

12.5. Results of PBT and vPvB

evaluation vPvB substances: Nil –
PBT substances: None

12.6. Other adverse effects

None. No specific information is available on this product.

13. Disposal considerations

13.1. Methods of waste treatment

Do not dispose the product together with domestic waste. Do not dispose in the sewers. Send to authorised disposal plants, refer to Legislative decree 22/97 as amended.

Packaging contaminants

Packaging contaminants must be sent for recycling or disposal according to the national waste management regulations.

14. Transport information

14.1 UN number UN 2922

14.2 UN number shipment name

TOXIC CORROSIVE LIQUID N.O.S. (Ammonium thioglycolate)

14.3 Classes of hazard associated with transport ADRClass: 8 IATA-Class: 8

IMDG-Class: 8

14.4 Packaging group ADR-

Packaging group: III IATA- Packaging group: III

IMDG- Packaging group: III

15. Regulatory information

Applicable Regulation: This product is not considered to be a hazardous substance.

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