

Material Safety Data Sheet (MSDS)

Print date: 2023-01-26

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1. Product and company identification

- a) Product identifier: BONPLEX BLONDER BLEACH POWDER
- b) Application of the substance: Personal care product
- c) Product details: Bleaching agent
- d) Manufacturer
- Name: MEDICIKOREA COSMETIC CO.,LTD.
- Address: 455-64, Dongsak-ro, Pyeongtaek-si, Gyeonggi-do, Korea
- Emergency phone number: + 82 31-666-3120

2. Hazards identification

- a) OSHA/HCS Status: This mixture is not considered hazardous by the OSHA Hazardous Communication Standard (29CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.
- b) Classification of the mixture: None
- Hazard pictograms: N/A
- c) Signal word: None
- d) Hazard statements: None
- e) Precautionary statements
- P233 Keep container tightly closed.
- P404 Store in a closed container.

3. Composition / Information on ingredients

Chemical name	CAS.No	EC No	%
Ammonium Persulfate	7727-54-0	231-786-5	32.66

Sodium Metasilicate	6834-92-0	229-912-9	27.22
Potassium Persulfate	7727-21-1	231-781-8	18.15
Magnesium Carbonate	546-93-0	208-915-9(I)	7.27996
Silica	7631-86-9	262-373-8	4.72
Mineral Oil	8012-95-1	232-384-2(I)	2.90
Solanum Tuberosum (Potato) Starch	9005-25-8	232-679-6(I)	2.54
Calcium Stearate	1592-23-0	216-472-8 (I)	1.81
Disodium EDTA	139-33-3	205-358-3(I)	1.81
Cyamopsis Tetragonoloba (Guar) Gum	9000-30-0	232-536-8(I)	0.91
CI45100	3520-42-1	222-529-8(I)	0.00004

4. First aid measures

Description of first aid measures

- a) General information: Check vital functions. Prevent cooling by covering the victim. Keep watching victim. Give physiological aid. Keep victim calm, avoid physical strain. Never give alcohol to drink.
- b) Following inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
- c) Following skin contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.
- d) Following eye contact: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
- e) Following ingestion:

Most important symptoms and effects, both acute and delayed

Potential acute health effects

- a) Inhalation: No known effects of critical hazards
- b) Skin contact: No known effects of critical hazards
- c) Eye contact: No known effects of critical hazards
- d) Ingestion: No known effects of critical hazards

Over exposure signs and symptoms

- a) Inhalation: No known effects of critical hazards
- b) Skin contact: No known effects of critical hazards
- c) Eye contact: No known effects of critical hazards
- d) Ingestion: No known effects of critical hazards

5. Firefighting measures

Extinguishing media

- a) Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
- b) Unsuitable extinguishing media: None
- c) Special hazards arising from the mixture: In a fire if heated, a pressure increase may occur and the container may burst. Vapors may form explosive mixtures with air.
- d) Hazardous combustion products: Carbon Oxides
- e) Protective equipment for fire fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.
- f) Flash point: > 100°C (Calculated)

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- a) For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through the spilled material. Put on appropriate personal protective equipment.
 - Protective equipment: None under normal use conditions
 - Emergency procedures: Keep upwind. Mark the area of release. Consider evacuation if necessary. Wash any contaminated clothing. If specialized clothing is required to deal with the spillage,
- b) For emergency responders: take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- c) Environmental precautions: Avoid dispersal of spilled material and runoff and contact soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, air).

Methods and material for containment and cleaning up

- a) Methods for containment: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
- b) Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulation.
- c) Additional information: See Section 1 for contact information and Section 13 for waste disposal.

7. Handling and storage

- a) Precautions for safe handling

-Advice on safe handling: Keep container closed when not in use.

b) Conditions for safe storage, including any incompatibilities

-Storage conditions: Keep container closed, dry and at a reasonable temperature.

-Materials to avoid: None

-Specific end uses: Personal Care/Cosmetics

8. Exposure controls & personal protection

a) Control parameters

-Occupational exposure limits: N/A

-Environmental exposure controls: Environmental guidelines are not relevant when product is used as intended in a household setting.

-Consumer exposure control: Exposure guidelines are not relevant when product is used as intended in a household setting.

b) Personal protective equipment

-Eye Protection: No special protective equipment required

-Hand Protection: No special protective equipment required

-Skin and Body Protection: No special protective equipment required

-Respiratory Protection: No special protective equipment required

9. Physical and chemical properties

a) Physical state @ 20°C	Powder
b) Appearance	Light Pink Powder
c) Color	Light Pink
d) Odour	Weak characteristic
e) pH	N/A
f) Melting point/freezing point (°C)	N/A
g) Boiling point/boiling range (°C)	N/A
h) Flash point (°C)	>100
i) Evaporation rate	N/A
j) Flammability (solid, gas)	N/A
k) Flammability limits	
-Upper flammability limits (%)	N/A
-Lower flammability limits (%)	N/A
l) Vapor pressure (mmHG)	N/A
m) Vapor density (Air)	N/A
n) Relative density (SG)	1.00 – 1.05
o) Solubility (H ₂ O)	N/A
p) Partition coefficient: n-octanol/water	N/A

q) Auto-ignition temperature	N/A
r) Decomposition temperature	N/A
s) Viscosity	N/A
t) Content	500g

10. Stability and reactivity

a) Reactivity:	Not classified as a reactivity hazard.
b) Chemical stability:	Stable under normal conditions.
c) Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
d) Conditions to avoid:	Heat, cold, direct sunlight
e) Incompatible materials:	Oxidizing agents
f) Hazardous decomposition products:	Carbon Dioxide, Carbon Monoxide

11. Toxicological information

a) Information on toxicological effects	
-Likely routes of exposure:	Skin and eye contact
b) Acute toxicity	
-Classification:	Not classified based on available information
c) Skin corrosion/irritation	
-In-vitro skin test:	No information available.
-Classification:	Not classified based on available information
d) Eye damage/irritation	
-In vitro eye test:	No information available.
-Classification:	Not classified based on available information
e) Sensitization to the respiratory tract	
-Classification:	Not classified based on available information
f) Skin sensitization	
-Classification:	Not classified based on available information
g) Germ cell mutagenicity	
-In vitro mutagenicity:	No information available.
-Classification:	Not classified based on available information
h) Carcinogenicity	

- Classification: Not classified based on available information
- i) Reproductive toxicity
 - Classification: Not classified based on available information
- j) Specific target organ toxicity (single exposure)
 - Classification: Not classified based on available information
- k) Specific target organ toxicity (repeated exposure)
 - Classification: Not classified based on available information
- l) Aspiration hazard
 - Classification: Not classified based on available information
- m) Symptoms related to the physical, chemical and toxicological characteristics
 - Effects after ingestion: No Known Effects.
 - Effects after skin contact: No Known Effects.
 - Effects after inhalation: No Known Effects.
 - Effects after eye contact: No Known Effects.
 - Chronic Symptoms: No Known Effects.

12. Ecological information

- a) Toxicity
 - Classification: Not classified based on available information
- b) Persistence and degradability
 - Classification: Not classified based on available information
- c) Bio-accumulative potential
 - Classification: Not classified based on available information
- d) Mobility in soil
 - Classification: Not classified based on available information

13. Disposal considerations

Waste treatment methods

- a) Product disposal: Disposal of this product, solutions and any byproducts should at all times comply with the requirements of the environmental protection and waste disposal legislation and any regional local authority. This material and its container must be disposed of in a safe way.
- b) Packaging: Waste packaging should be recycled. Empty containers or

liners may retain some product residues.

- c) Waste treatment options: Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
- d) Other disposal recommendations: Dispose of the surplus and non-recyclable products via a licensed waste disposal contractor. Incineration or landfill should only be considered when recycling is not feasible.
- e) Additional information: The generation of waste should be avoided or minimized wherever possible. Avoid dispersals of spilled material and runoff and contact with soil, waterways, drains and sewers.
- f) California Hazardous Waste Codes (Non-household setting) : 561

14. Transport information

	DOT	IMDG	IATA-DGR
UN Number	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping name			
Transport hazard Class(es)			
Hazard label(s)			
Packing Group			
Environmental Hazards			
Additional Information			

Special precautions for user: None

15. Regulatory information

- a) U.S. Federal regulations
- TSCA 8(d) H and S data reporting: Not applicable
- b) SARA 302/304: Not applicable
- c) SARA 311/312: Not applicable
- d) SARA 313: Not applicable
- e) National regulations: No additional information available
- f) EU regulations: No additional information available
- g) Other EU regulations: No additional information available
- h) VOC content (% by w/w): Not applicable
- i) US State RTK regulations: Not applicable

j) California Proposition 65:

Not applicable

16. Other information

a) Classification for mixtures according to regulation (EC) 1207/2008

b) Risk phrases:

-R36 Irritating to eyes.

c) Safety phrases:

-S07 Keep container tightly closed.

d) Supplemental Hazard information: N/A

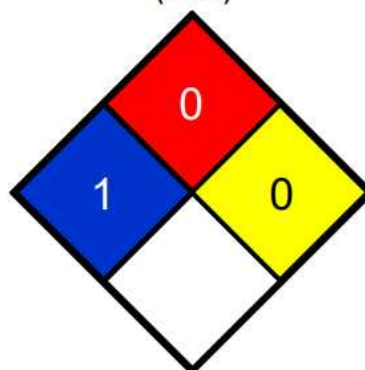
e) Further information: None

f) Indication of changes: initial

Hazardous Materials Identification System (HMIS)



National Fire Protection Association (NFPA)



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Blue: Health hazard Red: Fire hazard Yellow: Reactivity hazard White: Special hazard

g) Abbreviations and acronyms

ADN=	European Agreement concerning the International Carriage of Dangerous Goods by Waterway	IMDG=	International Marine Dangerous Goods
ADR=	European Agreement concerning the International Carriage of Dangerous Goods by Road	LogPow=	Logarithm of the Octanol/Water partition coefficient
ATE=	Acute Toxicity Estimate	MARPOL 73/78= International Convention on the Prevention of Pollution from Ships	
BCF=	Bio-concentration Factor	PEL=	Permissible Exposure Limits
BEI=	Biological Exposure Limits	REL=	Recommended Exposure Limits
DOT=	Department of Transportation	RID=	European Agreement concerning the International Carriage of Dangerous

			Goods by Rail
GHS=	Globally Harmonized System of Classification and Labeling of Chemicals	STEL=	Short-Term Exposure Limits
IATA=	International Air Transport Association	TLV=	Threshold Limit Values
IBC=	Intermediate Bulk Container	TWA=	Time Weighted Average
ICAO=	International Civil Aviation Organization	UN=	United Nations
IDLH=	Immediately Dangerous		

h) Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
