

Safety Data Sheet

according to 29 CFR 1910.1200(g)

Revision date: 14.10.2019

RefectoCil Blonde Brow

Product code: KO0000

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1. Identification

Product identifier

RefectoCil Blonde Brow

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Cosmetics

Uses advised against

Any non-intended use.

Details of the supplier of the safety data sheet

Company name: GW Cosmetics GmbH

Street: Achauerstrasse 49a

Place: A-2333 Leopoldsdorf

Telephone: +43 / 2235 / 47 940-0

Telefax: +43 / 2235 / 47 940-39

Responsible Department: office@gwcosmetics.at

Emergency phone number:

+43 / 2235 / 47 940-0 (09:00-16:00 CET)

Further Information

This product is subject to the cosmetic regulation. This sheet was prepared on a voluntary basis.

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

Oxidizing solids: Ox. Sol. 3

Corrosive to metals: Met. Corr. 1

Acute toxicity: Acute Tox. 4 (oral)

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitization: Resp. Sens. 1

Respiratory or skin sensitization: Skin Sens. 1

Specific target organ toxicity single exposure: STOT SE 3 (respiratory tract irritation)

Label elements

29 CFR Part 1910.1200

Signal word:

Danger

Pictograms:



Hazard statements

May intensify fire; oxidizer

Harmful if swallowed

Causes severe skin burns and eye damage

May cause an allergic skin reaction

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause respiratory irritation

Precautionary statements

If medical advice is needed, have product container or label at hand.

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Keep out of reach of children.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Keep/Store away from clothing/combustible materials.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If swallowed: Rinse mouth. Do NOT induce vomiting.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center/doctor if you feel unwell.
 If experiencing respiratory symptoms: Call a poison center/doctor.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 In case of fire: Use Carbon dioxide (CO₂) Dry extinguishing powder. alcohol resistant foam. Atomized water. to extinguish.
 Store locked up.
 Dispose of contents/container to local/regional/national/international regulations.

Additional advice on labelling

GHS Symbols and Phrases are shown here only for information. This product is a consumer product and labelling is regulated by the cosmetic regulation. Labelling according to 1910.1200 is not required.

Hazards not otherwise classified

No information available.

3. Composition/information on ingredients**Mixtures****Hazardous components**

CAS No	Components	Quantity
8042-47-5	White mineral oil (petroleum)	40 - 42 %
7727-54-0	ammonium persulphate	22 - 25 %
7727-21-1	dipotassium peroxodisulphate	22 - 25 %
6834-92-0	disodium metasilicate	5.6 %
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts	1 - 2 %

4. First-aid measures**Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Take off immediately all contaminated clothing.

First aider: Pay attention to self-protection!

After inhalation

Remove person to fresh air and keep comfortable for breathing. In case of respiratory tract irritation, consult a physician.

After contact with skin

Take off immediately all contaminated clothing. Wash with plenty of water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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After ingestion

Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO₂) Dry extinguishing powder. alcohol resistant foam.
In case of major fire and large quantities: Atomized water.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

Can be released in case of fire: Gas/vapors, irritant. Carbon monoxide Carbon dioxide (CO₂)

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Use water spray jet to protect personnel and to cool endangered containers.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Remove persons to safety. Remove all sources of ignition. Ventilate affected area.
Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes.
Wear personal protection equipment. (See section 8.)

Environmental precautions

Do not allow to enter into surface water or drains. Danger of explosion! Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up

Take up mechanically. Ventilate affected area.
Treat the recovered material as prescribed in the section on waste disposal.
Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation as well as local exhaust at critical locations.
Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes.

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Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.
Heating causes rise in pressure with risk of bursting.

Further information on handling

General protection and hygiene measures: See section 8.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Protect against direct sunlight.
Ensure adequate ventilation of the storage area.
Make sure spills can be contained (e.g. sump pallets or kerbed areas).

Hints on joint storage

Do not store together with: Gas. Aerosol dispensers. Explosives. Pyrophoric liquids and solids. Self-heating substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases.
Organic peroxides. Self-reactive substances and mixtures. Radioactive substances. Infectious substances.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.
Protect against: UV-radiation/sunlight. heat. Humidity frost.
storage temperature: 15-25°C

8. Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
9004-34-6	Cellulose (total)	-	10		TWA (8 h)	REL
9004-34-6	Cellulose Respirable fraction	-	5		TWA (8 h)	PEL
8012-95-1	Oil mist (mineral)	-	5		TWA (8 h)	REL
8012-95-1	Oil mist, mineral	-	5		TWA (8 h)	PEL

Additional advice on limit values

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Exposure controls



Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.
Provide adequate ventilation as well as local exhaust at critical locations.

Protective and hygiene measures

The usual precautions for handling chemicals should be considered.
Keep away from food, drink and animal feedingstuffs.
Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream. Take off contaminated

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clothing and wash it before reuse.

Eye/face protection

Recommended eye protection brand: Tightly sealed safety glasses. Standards: EN or 29 CFR 1910.133

Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of the glove material 0,4 mm

Breakthrough time \geq 8 h

Butyl rubber. - Thickness of the glove material 0,5 mm

Breakthrough time \geq 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of the glove material 0,5 mm

Breakthrough time \geq 8 h

NBR (Nitrile rubber). - Thickness of the glove material 0,35 mm

Breakthrough time \geq 8 h

PVC (Polyvinyl chloride). - Thickness of the glove material 0,5 mm

Breakthrough time \geq 8 h

The selected protective gloves should satisfy the specifications of standards like EN 374.

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Wear suitable protective clothing.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Generation/formation of aerosols

Exceeding exposure limit values

Suitable respiratory protective equipment:

Combination filter device (e.g., airline respirators with an airpurifying filter) EN 14387 or 29 CFR 1910.134 standard.

The filter class must be suitable for the maximum contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	Paste, solid	
Color:	not determined	
Odor:	characteristic	
pH-Value:		not determined

Changes in the physical state

Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	not determined
Flash point:	not determined

Explosive properties

not determined

Lower explosion limits:	not determined
Upper explosion limits:	not determined

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Ignition temperature:	not determined
Decomposition temperature:	not determined
Oxidizing properties	
none.	
Vapor pressure: (at 20 °C)	not determined
Density:	not determined
Water solubility:	not miscible
Solubility in other solvents	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	viscous
Viscosity / kinematic: (at 20 °C)	viscous
Flow time:	not determined
Vapor density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	not determined
<u>Other information</u>	
Solid content:	not determined

10. Stability and reactivity**Reactivity**

No information available.

Chemical stability

Stability: Stable

The mixture is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

Hazardous reactions: Will not occur

Refer to chapter 10.5.

Conditions to avoid

Protect against: UV-radiation/sunlight. heat. moisture.

Heating causes rise in pressure with risk of bursting.

Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong. Strong acid. strong alkalis.

Hazardous decomposition productsCan be released in case of fire: Gas/vapors, irritant. Carbon monoxide Carbon dioxide (CO₂)**11. Toxicological information****Information on toxicological effects****Route(s) of Entry**

Ingestion: Harmful if swallowed. Inhalation: Sensitisation to the respiratory tract. Skin contact: Causes burns.

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Skin sensitisation. Eye contact: Causes serious eye damage.

Toxicokinetics, metabolism and distribution

No data available.

Acute toxicity

Harmful if swallowed

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
8042-47-5	White mineral oil (petroleum)				
	oral	LD50 >5000 mg/kg	Rat	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rabbit.	ECHA Dossier	
	inhalation (4 h) aerosol	LC50 >5000 mg/l	Rat	ECHA Dossier	
7727-54-0	ammonium persulphate				
	oral	LD50 742 mg/kg	Rat	ECHA Dossier	
	dermal	LD50 >2000 mg/kg	Rat	ECHA Dossier	
	inhalation (4 h) aerosol	LC50 >=2,95 mg/l	Rat	ECHA Dossier	
7727-21-1	dipotassium peroxodisulphate				
	oral	LD50 742 mg/kg	Rat	ECHA Dossier	Read Across
	dermal	LD50 > 2000 mg/kg	Rat	ECHA Dossier	Read Across
	inhalation (4 h) aerosol	LC50 > 5,1 mg/l	Rat	ECHA Dossier	EPA OPP 81-3
68955-20-4	Sulfuric acid, mono-C16-18-alkyl esters, sodium salts				
	oral	LD50 >2000 mg/kg		MSDS extern	

Irritation and corrosivity

Causes severe skin burns and eye damage

Causes serious eye damage

Sensitizing effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled (ammonium persulphate; dipotassium peroxodisulphate)

May cause an allergic skin reaction (ammonium persulphate; dipotassium peroxodisulphate)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

White mineral oil (petroleum):

In-vitro mutagenicity: Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay); Result: negative.;

Literature information: ECHA Dossier; Carcinogenicity: Method: (oral.) OECD Guideline 453 Combined Chronic Toxicity / Carcinogenicity Studies); Species: Rat; Length of test: 2 years; Result: NOAEL = 1200

mg/kg; Literature information: ECHA Dossier; Reproductive toxicity: Method: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test); Species: Rat ; Results: NOAEL >= 1000 mg/kg.

Literature information: ECHA Dossier; Developmental toxicity/teratogenicity: Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study); Species: Rat; Results: NOAEL >= 5000 mg/kg; Literature

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information: ECHA Dossier

disodium metasilicate:

In-vitro mutagenicity: Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay); Result: negative.

Literature information: ECHA Dossier; Developmental toxicity/teratogenicity: Method: -; Species:

Mouse; Result: NOAEL > 200 mg/kg; Literature information: ECHA Dossier

Specific target organ toxicity (STOT) - single exposure

May cause respiratory irritation (ammonium persulphate)

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met.

White mineral oil (petroleum):

Subchronic oral toxicity: Method: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Species: Rat ; Results: NOAEL = 20000 ppm. Literature information: ECHA Dossier; Subchronic dermal

toxicity: Method: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study); Species: Rat.; Results:

NOAEL >2000 mg/kg; Literature information: ECHA Dossier

disodium metasilicate:

Subchronic oral toxicity: Method: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents);

Species: Wistar Rat.; Exposure time: 90d; Result: NOAEL > 227 mg/kg; Literature information: ECHA Dossier

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Mineral oils, highly-refined is listed in group 3.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

12. Ecological information**Mobility in soil**

No data available.

Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

13. Disposal considerations**Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation. Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

RCRA Hazardous wastes (Resource Conservation and Recovery Act)

D002 Corrosivity

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

14. Transport information

US DOT 49 CFR 172.101

UN/ID number:

UN 3084

Proper shipping name:

CORROSIVE SOLIDS, OXIDIZING, N.O.S.

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Transport hazard class(es): 8
Packing group: II
 Hazard label: 8, 5.1



Marine transport (IMDG)

UN number: UN 3084
UN proper shipping name: CORROSIVE SOLID, OXIDIZING, N.O.S. (potassium persulphate, ammonium persulphate)

Transport hazard class(es): 8
Packing group: II
 Hazard label: 8+5.1



Marine pollutant: NO
 Special Provisions: 274
 Limited quantity: 1 kg
 Excepted quantity: E2
 EmS: F-A, S-Q

Air transport (ICAO-TI/IATA-DGR)

UN number: UN 3084
UN proper shipping name: CORROSIVE SOLID, OXIDIZING, N.O.S. (potassium persulphate, ammonium persulphate)

Transport hazard class(es): 8
Packing group: II
 Hazard label: 8+5.1



Limited quantity Passenger: 5 kg
 Passenger LQ: Y844
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 859
 IATA-max. quantity - Passenger: 15 kg
 IATA-packing instructions - Cargo: 863
 IATA-max. quantity - Cargo: 50 kg

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user

See section 8.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant.

15. Regulatory information

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U.S. Regulations

National Inventory TSCA

White mineral oil (petroleum) not listed under TSCA 12(b) listed in the TSCA inventory 8 (b): (x) active
 ammonium persulphate not listed under TSCA 12(b) listed in the TSCA inventory 8 (b): (x) active
 Sulfuric acid, mono-C16-18-alkyl esters, sodium salts not listed under TSCA 12(b) listed in the TSCA inventory 8 (b): (x) active
 dipotassium peroxodisulphate not listed under TSCA 12(b) listed in the TSCA inventory 8 (b): (x) active
 disodium metasilicate not listed under TSCA 12(b) listed in the TSCA inventory 8 (b):

National regulatory information

SARA Section 311/312 Hazards:

ammonium persulphate (7727-54-0): Fire hazard, Immediate (acute) health hazard
 dipotassium peroxodisulphate (7727-21-1): Fire hazard, Immediate (acute) health hazard
 disodium metasilicate (6834-92-0): Immediate (acute) health hazard
 Sulfuric acid, mono-C16-18-alkyl esters, sodium salts (68955-20-4): Immediate (acute) health hazard

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)

Health:	3
Flammability:	1
Physical Hazard:	1
Personal Protection:	B

NFPA Hazard Ratings

Health:	2
Flammability:	1
Reactivity:	1
Unique Hazard:	OX



Changes

Revision date:	14.10.2019
Revision No:	2,0
Rev. 1.00;	Initial release 01.08.2017
Rev. 2.00;	Changes in chapter: 9,10,14,15,16; 14.10.2019

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
 ASTM: American Society for Testing and Materials.
 ATE: acute toxicity estimate
 BCF: Bio concentration factor
 ECHA: European Chemicals Agency
 CAS Chemical Abstracts Service
 CFR: Code of Federal Regulations
 DOT: Department of Transportation
 d: days
 EC50: Half maximal effective concentration
 EN: European Norm
 EPA: Environmental Protection Agency
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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h: hours

HMIS: Hazardous Materials Identification System

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IBC: Intermediate Bulk Container

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

MARPOL: marine pollution

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

NTP: National Toxicology Program

N/A: not applicable

NFPA: National Fire Protection Association

UN: United Nations

OECD: Organisation for Economic Co-operation and Development

OSHA: Occupational Safety and Health Administration

PBT: Persistent bioaccumulative toxic

RTECS: Registry of Toxic Effects of Chemical Substances

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

SARA: Superfund Amendments and Reauthorization Act

STEL: short-term exposure limits

TSCA: Toxic Substances Control Act

TWA: time weighted average

VOC: Volatile Organic Compounds

Other data

Classification according 29 CFR Part 1910.1200: - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)