

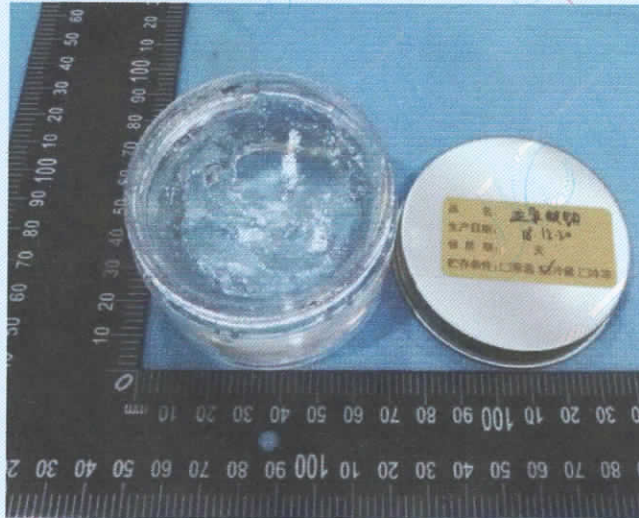
SDS Report

No: JCT-SDS20190102037

Date: 2019/1/2

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Client's Name: ZHENGZHOU HUAER ELECTRO-OPTICS TECHNOLOGY CO., LTD.
Client's Address: 11th FLOOR, BLOCK B, BUILDING 18, HENAN INTERNATIONAL UNIVERSITY SCIENCE PARK (EAST DISTRICT)ZHENGZHOU, HENAN, P.R. CHINA.
Product Name: NON PEROXIDE TEETH WHITENING GEL
Job Receiving Date: 2018/12/18
Preparation Period: 2018/12/18 - 2019/1/2
Service Requested: Safety Data Sheet (SDS)
Summary: The contents and format of this SDS are in accordance with Regulation (EC) No.1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 453/2010.



Signed for and on behalf of
JCT Ltd.



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Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name: Non Peroxide Teeth Whitening Gel

Product number: /

Application of the substance / the preparation

End uses: /

Details of the supplier of the material safety data sheet

Manufacturer/Supplier: Zhengzhou Huaer Electro-Optics Technology Co., Ltd.

11th Floor, Block B, Building 18, Henan International University Science Park (East District) Zhengzhou, Henan, P.R. China.

Tel: +86-371-86621190

Fax: /

E-mail: admin@cnhuaer.com

Only Representative/other EU contact point: Not available

Further information obtainable from: Zhengzhou Huaer Electro-Optics Technology Co., Ltd.

Emergency telephone number:

Emergency Phone: +86-371-86621190

Reference Number: JCT-SDS20190102037

Section 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008



GHS07

Acute Tox. 4 - H302, Harmful if swallowed.

Eye Irrit. 2 - H319, Causes serious eye irritation.

Information concerning particular hazards for human and environment


The product has to be labeled due to the calculation procedure of Regulation 1272/2008/EC.

Classification system

The classification is according to the latest edition of Regulation 1272/2008/EC, and extended by company and literature data.

Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms	
Signal word	Warning
Hazard statements	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
Precautionary statements	
P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P330	Rinse mouth.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
Other hazards	
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.

Section 3: Composition / information on ingredients










Product characterization: Substance Mixture

Mixture

Description

Mixture of the substances listed below with nonhazardous additions.

Composition		%
CAS No.: 56-81-5	GLYCERIN	50.17
EC/List No.: 200-289-5		

CAS No.: 7732-18-5 EC/List No.: 231-791-2	WATER	40
CAS No.: 57-55-6 EC/List No.: 200-338-0	PROPYLENE GLYCOL	5
CAS No.: 9004-32-4 EC/List No.: 618-378-6	CELLULOSE GUM	2.8
CAS No.: 89-78-1 EC/List No.: 201-939-0	MENTHOL  Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	1
CAS No.: 139-33-3 EC/List No.: 205-358-3	DISODIUM EDTA  Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335	0.5
CAS No.: 87-99-0 EC/List No.: 201-788-0	XYLITOL	0.2
CAS No.: 7758-19-2 EC/List No.: 231-836-6	SODIUM CHLORITE  Ox. Sol. 1 - H271;  Acute Tox. 3 - H301, Acute Tox. 2 - H310;  Skin Corr. 1B - H314;  STOT RE 2 - H373;  Aquatic Acute 1 - H400	0.15
CAS No.: 7647-14-5 EC/List No.: 231-598-3	SODIUM CHLORIDE	0.1
CAS No.: 1330-43-4 EC/List No.: 215-540-4	SODIUM BORATE  Repr. 1B - H360FD	0.05
CAS No.: 1310-73-2 EC/List No.: 215-185-5	SODIUM HYDROXIDE  Skin Corr. 1A - H314	0.03

Remark

For the wording of listed hazard statements(if applicable) refer to section 16.

Section 4: First aid measures

Description of first aid measures

General advice

If symptoms persist, call a physician.

After inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

After skin contact

Wash off with soap and plenty of water. If symptoms persist, call a physician.

After eye contact

Flush eyes with water as a precaution. If symptoms persist, call a physician.

After swallowing

Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5: Firefighting measures**Extinguishing media****Suitable extinguishing agents**

Carbon dioxide, extinguishing powder, water or foam.

Unsuitable extinguishing media

No further relevant information available.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters**Firefighting instructions**

All extinguishing media can be used.

Protective equipment

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

No further relevant information available.

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

Use personal protective equipment as required.

Environmental precautions

Do not allow to enter sewers/ surface water. Should not be released into the environment.

Methods and material for containment and cleaning up

Contain spillage, and then place in container for disposal according to local regulations.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7: Handling and storage

Handling

Precautions for safe handling

Avoid contact with eyes. Avoid ingestion and inhalation. Wash hands before breaks and immediately after handling the product.

Information about protection against fires and explosions

Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

Store away from incompatible materials described in Section 10.

Information about storage in one common storage facility

Store in a dry, cool and well-ventilated place.

Further information about storage conditions

Keep container tightly closed.

Specific end use(s)

Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS No.: 56-81-5

France: TWA / VME: 10 mg/m³

EC/List No.: 200-289-5

CAS No.: 57-55-6

Norway: TWA: 25 ppm, TWA: 79 mg/m³, STEL: 25 ppm, STEL: 79 mg/m³

EC/List No.: 200-338-0

CAS No.: 7647-14-5 EC/List No.: 231-598-3	Latvia: TWA: 5 mg/m ³
CAS No.: 1330-43-4 EC/List No.: 215-540-4	The United Kingdom: STEL: 3 mg/m ³ , TWA: 1 mg/m ³
CAS No.: 1310-73-2 EC/List No.: 215-185-5	France: TWA / VME: 2 mg/m ³

DNELs: No information available.

PNECs: No information available.

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

General protective and hygienic measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Breathing protection

No protection is ordinarily required under normal conditions of use. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

Hand protection

No protection is ordinarily required under normal conditions of use.

Eye protection

No protection is ordinarily required under normal conditions of use. If need, Use equipment for eye protection tested and approved under appropriate government standards.

Skin and body protection

No protection is ordinarily required under normal conditions of use.

Environmental exposure controls

Control measures must be made in accordance with community environmental protection legislation.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance
Form
Paste
Color
View picture
Odor
Mint
Odor Threshold
No data available
pH-value
No data available
Change in condition
Melting point
No data available
Boiling point
No data available
Freezing point
No data available
Flash point(closed cup)
> 93 °C
Flammability (solid, gaseous)
Not applicable
Auto-Ignition temperature
No data available
Decomposition temperature
No data available
Self-igniting temperature
Product is not selfigniting under normal conditions.
Explosive properties
Product is not explosive.
Explosion limits
Lower
Not applicable
Upper
Not applicable
Oxidizing properties
The substance does not belong to oxidizing substances.
Vapour pressure
No data available
Density
No data available
Relative density
No data available
Vapour density
No data available
Evaporation rate
No data available
Solubility in / Miscibility with
Water
Miscible with water
Partition coefficient(n-octanol/water)
No data available
Viscosity
Dynamic
No data available
Kinematic
No data available
Other information
No information available.

Section 10: Stability and reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable at normal temperatures and storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

No data available.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No data available.

Section 11: Toxicological information

Acute toxicity

LD50/LC50 values relevant for classification

Composition	Route of exposure	Type of test	Species observed	Dose/duration
CAS No.: 56-81-5	Oral	LD50	Rat	12600 mg/kg
EC/List No.: 200-289-5	Dermal	LD50	Rabbit	> 10000 mg/kg
	Inhalation	LC50/4H	Rat	> 2.75 mg/l
CAS No.: 57-55-6	Oral	LD50	Rat	20000 mg/kg
EC/List No.: 200-338-0	Dermal	LD50	Rabbit	20800 mg/kg
	Inhalation	LC50/4H	Rat	5800 mg/m ³
CAS No.: 9004-32-4	Oral	LD50	Rat	27000 mg/kg
EC/List No.: 618-378-6	Dermal	LD50	Rabbit	2000 mg/kg
	Inhalation	LC50/4H	Rat	5800 mg/m ³
CAS No.: 89-78-1	Oral	LD50	Rat	3180 mg/kg
EC/List No.: 201-939-0				
CAS No.: 139-33-3	Oral	LD50	Rat	> 2000 mg/kg
EC/List No.: 205-358-3				
CAS No.: 87-99-0	Oral	LD50	Rat	16500 mg/kg
EC/List No.: 201-788-0				

CAS No.: 7758-19-2 EC/List No.: 231-836-6	Oral Dermal Inhalation	LD50 LD50 LC50/4H	Rat Rabbit Rat	165 mg/kg 107.2 mg/kg 230 mg/m ³
CAS No.: 7647-14-5 EC/List No.: 231-598-3	Oral Inhalation	LD50 LC50/1H	Rat Rat	3000 mg/kg 42000 mg/m ³
CAS No.: 1330-43-4 EC/List No.: 215-540-4	Oral Dermal Inhalation	LD50 LD50 LC50/4H	Rat Rabbit Rat	2660 mg/kg > 2000 mg/kg > 2 mg/m ³
CAS No.: 1310-73-2 EC/List No.: 215-185-5	Dermal	LD50	Rabbit	1350 mg/kg

Primary irritant effect

Skin corrosion/irritation

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

Serious eye damage/eye irritation

Category 2.

Respiratory or skin sensitization

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

Additional toxicological information

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

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

Section 12: Ecological information

Toxicity

Aquatic toxicity

No data is available for the product. Component data is listed below:

Composition	
CAS No.: 56-81-5 EC/List No.: 200-289-5	LC50: 51 - 57 mL/L/96h, static (Oncorhynchus mykiss) EC50: > 500 mg/L/24h, Daphnia magna
CAS No.: 57-55-6 EC/List No.: 200-338-0	LC50: 710 mg/L/96h, Pimephales promelas EC50: > 10000 mg/L/24h, Daphnia magna EC50: 19000 mg/L/96h, Pseudokirchneriella subcapitata
CAS No.: 139-33-3 EC/List No.: 205-358-3	LC50: > 500 mg/L/96h, Leuciscus idus EC50: > 100 mg/L/24h, Daphnia magna
CAS No.: 7758-19-2 EC/List No.: 231-836-6	LC50: > 100 mg/L/96h, static (Lepomis macrochirus) EC50: 0.026 mg/L/48h, Daphnia magna
CAS No.: 7647-14-5 EC/List No.: 231-598-3	LC50: 7650 mg/L/96h, Pimephals prome EC50: 1000 mg/L/48h, Daphnia magna
CAS No.: 1310-73-2 EC/List No.: 215-185-5	LC50: 45.4 mg/L/96h, static (Oncorhynchus mykiss)

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

Composition	
CAS No.: 56-81-5 EC/List No.: 200-289-5	log Pow: -1.76
CAS No.: 57-55-6 EC/List No.: 200-338-0	log Pow: -0.9
CAS No.: 7758-19-2 EC/List No.: 231-836-6	log Pow: -2.3

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects

No data available.

Section 13: Disposal considerations

Waste treatment methods

Recommendation - Product

Follow all local, state, and federal regulations for disposal of waste chemicals.

Recommendation - Uncleaned packaging

Follow all local, state, and federal regulations for disposal of waste chemicals.

Section 14: Transport information

UN-Number

ADNR/ADR-RID Not restricted(Non-hazardous for transportation)

IMDG/IMO Not restricted(Non-hazardous for transportation)

Remark: Not subject to the IMDG Code(Amdt 38-16).

IATA/ICAO Not restricted(Non-hazardous for transportation)

Remark: Not subject to IATA DGR(60th, 2019)

UN proper shipping name

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

Transport hazard class(es)

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

Transport hazard subclass

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

Packing group

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

Environmental hazards

Marine pollutant No

Special precautions for user

No special precautions required.

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

Not applicable, packaged goods

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 94/33/EC on the protection of young people at work.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

National regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorisation.

None of ingredients is listed.

REACH Regulation Annex XVII Restriction.

None of ingredients is listed.

REACH Regulation Annex XIV Authorization List.

None of ingredients is listed.

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other information

Abbreviations and acronyms

ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG	International Maritime Code for Dangerous Goods.
IMO	International Maritime Organization
IATA	International Air Transport Association.
ICAO	International Civil Aviation Organization
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
CAS	Chemical Abstracts Service
DNEL	Derived No-Effect Level (REACH).

PNEC	Predicted No-Effect Concentration (REACH).
LC50	Lethal concentration, 50 percent.
LD50	Lethal dose, 50 percent.
EC50	50% effective concentration
BCF	Bioconcentration factor
IC50	half maximal inhibitory concentration
NOEC	no observed effect concentration
LOEC	Lowest Observed Effect Concentration
IARC	International Agency for Research on Cancer.
STEL	STEL (Short Term Exposure Limit).
TWA	TWA (time-weighted average).

Relevant hazard statements

H271	May cause fire or explosion; strong oxidiser.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H360FD	May damage fertility. May damage the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.

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The contents and format of this SDS are in accordance with REGULATION(EC) No 1907/2006, 1272/2008 and Regulation (EU) No 453/2010.

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