Teeth Whitening Gel - 35-55% Carbamide Peroxide

Safety Data Sheet

SECTION 1: Identification

1.1. Product identifier

Product name : Teeth Whitening Gel - 35-55% Carbamide Peroxide

1.2. Recommended use and restrictions on use

Recommended uses and restrictions : Teeth Whitening

1.3. Supplier

JD Oral Care MFG Inc.
8 Automatic Rd. Unit 10B
Brampton ON L6S5N4

1.4. Emergency telephone number

Emergency number : 1-416-450-7436

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CAN/US)

Skin corrosion/irritation Category 1B	H314
Serious eye damage/eye irritation Category 1	H318
Skin sensitization, Category 1	H317

2.2. GHS Label elements, including precautionary statements

GHS CAN/US labeling

Hazard pictograms :

Signal word : Danger

Hazard statements : H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction

Precautionary statements : P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352 - IF ON SKIN: Wash with plenty of water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Glycerin	CAS-No.: 56-81-5	30 – 60
Urea, compound with hydrogen peroxide (H2O2) (1:1)	CAS-No.: 124-43-6	15 – 40
1,2-Propanediol	CAS-No.: 57-55-6	10 – 30
Water	CAS-No.: 7732-18-5	1 – 5
Triethanolamine	CAS-No.: 102-71-6	1 – 5
Acrylic resin	CAS-No.: 9003-01-4	0.5 – 1.5
Oils, peppermint	CAS-No.: 8006-90-4	0.1 – 1
Disodium EDTA	CAS-No.: 139-33-3	0.1 – 1
Potassium nitrate	CAS-No.: 7757-79-1	0.1 – 1
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, sodium salt, dihydrate	CAS-No.: 6155-57-3	0.1 – 1

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye damage.
Symptoms/effects after ingestion : Burns.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Use suitable extinguishing media for surrouding fire.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : None.

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glycerin (56-81-5)	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (mist)
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWA)	10 mg/m³ (mist)
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (mist) 3 mg/m³ (mist-respirable)
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (mist)
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (mist)
OEL STEL	20 mg/m³ (mist)
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (mist)
OEL STEL	20 mg/m³ (mist)
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (mist)
OEL STEL	20 mg/m³ (mist)
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	30 mppcf (mist) 10 mg/m³ (mist)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	15 mg/m³ (mist, total particulate) 5 mg/m³ (mist, respirable fraction)

1,2-Propanediol (57-55-6)	
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA	10 mg/m³ (for assessing the visibility in a work environment where 1,2-Propylene glycol aerosol is present-aerosol only) 155 mg/m³ (aerosol and vapor)
OEL TWA [ppm]	50 ppm (aerosol and vapor)

Triethanolamine (102-71-6)	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	5 mg/m³

Triethanolamine (102-71-6)	
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWA)	5 mg/m³
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
OEL STEL	10 mg/m³
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
OEL STEL	10 mg/m³
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA	3.1 mg/m³
OEL TWA [ppm]	0.5 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA	5 mg/m³
OEL STEL	10 mg/m³
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m³

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:
Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses. Safety glasses

Skin and body protection:

Wear fire/flame resistant/retardant clothing.

Respiratory protection:

None required under normal product use conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Viscous gel
Color	:	Colorless
Odor	:	Mint
Odor threshold	:	No data available
pH	:	4.8 – 5.9
Relative evaporation rate (butyl acetate=1)	:	No data available
Relative evaporation rate (ether=1)	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	185 – 195 °C
Flash point	:	110 – 120 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non flammable.
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Specific gravity	:	1.03 – 1.05
Solubility	:	Soluble in water
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, kinematic	:	No data available
Oxidizing properties	:	May cause fire or explosion; strong oxidizer.
Explosion limits	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	:	Stable under normal product use conditions.
Chemical stability	:	Stable under normal product use conditions.
Possibility of hazardous reactions	:	Not established.
Conditions to avoid	:	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	:	Not determined.
Hazardous decomposition products	:	Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg

Disodium EDTA (139-33-3)	
LD50 oral rat	2 g/kg

Glycerin (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 Inhalation - Rat	> 570 mg/m³ (Exposure time: 1 h)

1,2-Propanediol (57-55-6)	
LD50 oral rat	20 g/kg
LD50 dermal rabbit	20800 mg/kg

Acrylic resin (9003-01-4)	
LD50 oral rat	2500 mg/kg
LC50 Inhalation - Rat	1.71 mg/l/4h

Triethanolamine (102-71-6)	
LD50 oral rat	4190 mg/kg
LD50 dermal rabbit	> 20000 mg/kg

Potassium nitrate (7757-79-1)	
LD50 oral rat	3015 mg/kg

Oils, peppermint (8006-90-4)	
LD50 oral rat	2426 mg/kg

Skin corrosion/irritation : Causes severe skin burns.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Disodium EDTA (139-33-3)	
LC50 - Fish [1]	320 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])

Glycerin (56-81-5)	
LC50 - Fish [1]	51 – 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.76

1,2-Propanediol (57-55-6)	
LC50 - Fish [1]	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 - Fish [2]	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 96h - Algae [1]	19000 mg/l (Species: Pseudokirchneriella subcapitata)
BCF - Fish [1]	< 1

Acrylic resin (9003-01-4)	
LC50 - Fish [1]	580 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

Triethanolamine (102-71-6)	
LC50 - Fish [1]	10600 – 13000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	> 1000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 72h - Algae [1]	216 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	169 mg/l (Species: Desmodesmus subspicatus)
BCF - Fish [1]	< 3.9
Partition coefficient n-octanol/water (Log Pow)	-2.53

12.2. Persistence and degradability

Teeth Whitening Gel - 35% Carbamide Peroxide	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Teeth Whitening Gel - 35% Carbamide Peroxide	
Bioaccumulative potential	Not established.

Glycerin (56-81-5)	
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.76

1,2-Propanediol (57-55-6)	
BCF - Fish [1]	< 1

Triethanolamine (102-71-6)	
BCF - Fish [1]	< 3.9
Partition coefficient n-octanol/water (Log Pow)	-2.53

12.4. Mobility in soil

Glycerin (56-81-5)	
Partition coefficient n-octanol/water (Log Pow)	-1.76

Triethanolamine (102-71-6)	
Partition coefficient n-octanol/water (Log Pow)	-2.53

12.5. Other adverse effects

Ozone : Not classified
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

TDG
Transport hazard class(es) (TDG) : Not applicable

DOT
Transport hazard class(es) (DOT) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (TDG) : Not applicable
Packing group (DOT) : Not applicable

Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

TDG
No data available

DOT
No data available

IMDG
No data available

IATA
No data available

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

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List)

Disodium EDTA (139-33-3)
Listed on the Canadian DSL (Domestic Substances List)

Glycerin (56-81-5)
Listed on the Canadian DSL (Domestic Substances List)

1,2-Propanediol (57-55-6)
Listed on the Canadian DSL (Domestic Substances List)

Acrylic resin (9003-01-4)
Listed on the Canadian DSL (Domestic Substances List)

Triethanolamine (102-71-6)
Listed on the Canadian DSL (Domestic Substances List)

Potassium nitrate (7757-79-1)
Listed on the Canadian DSL (Domestic Substances List)

Oils, peppermint (8006-90-4)
Listed on the Canadian DSL (Domestic Substances List)

Urea, compound with hydrogen peroxide (H2O2) (1:1) (124-43-6)
Listed on the Canadian NDSL (Non-Domestic Substances List)

15.2. US Federal regulations

Water (7732-18-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Disodium EDTA (139-33-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Glycerin (56-81-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

1,2-Propanediol (57-55-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Acrylic resin (9003-01-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Triethanolamine (102-71-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Potassium nitrate (7757-79-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Oils, peppermint (8006-90-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Urea, compound with hydrogen peroxide (H2O2) (1:1) (124-43-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.3. US State regulations

Glycerin (56-81-5)
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

1,2-Propanediol (57-55-6)
U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

Triethanolamine (102-71-6)
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

Potassium nitrate (7757-79-1)
U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

Urea, compound with hydrogen peroxide (H2O2) (1:1) (124-43-6)
U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.