Safety Data Sheet

Blondme Premium Developer 9%

SDS No. : 853371
V001.0
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Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: Blondme Premium Developer 9%

Intended use: Change of Hair

Company name:
Henkel Australia Pty. Ltd.
135-141 Canterbury Road
AUS-3137 Kilsyth, Victoria
Phone: 03 9724 6444

Emergency telephone number Poison Center (24/7): 131126

Section 2. Hazards identification

Classification of the substance or mixture
Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class	Hazard Category
Serious eye damage/eye irritation	Category 1
Acute hazards to the aquatic environment	Category 2

Hazard pictogram:



Signal word: Danger

Hazard statement(s):
H318 Causes serious eye damage.
H401 Toxic to aquatic life.

Precautionary Statement(s):

Prevention:
P273 Avoid release to the environment.
P280 Wear eye protection/face protection.

Response:
P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Get immediate medical advice/attention.

Disposal:
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Section 3. Composition / information on ingredients

Type of preparation: Mixture

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
hydrogen peroxide solution	7722-84-1	8- < 10 %
Octadecanoic acid, ester with 1,2,3-propanetriol	11099-07-3	< 10 %
Alcohols, C16-18, 20EO	68439-49-6	< 10 %

Section 4. First aid measures

Ingestion: Do not induce vomiting, seek medical advice immediately.
Rinse mouth with water, (only if the person is conscious).

Skin: Rinse with water. Take off all clothing contaminated by the product.

Eyes: Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Inhalation: Move to fresh air. In case of breathing difficulties seek immediate medical advise.

First Aid facilities: Normal washroom facilities
Eye wash and safety shower

Medical attention and special treatment: Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media:

Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions. Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

Improper extinguishing media:

None

Decomposition products in case of fire: Carbon dioxide
Generation of oxygen
Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

Special protective equipment for fire-fighters:

Use personal protective equipment and self-contained breathing apparatus.

Additional fire fighting advice:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.

Hazchem code: 2R

Section 6. Accidental release measures

Personal precautions: If large amounts are released contact the fire service.
Avoid contact with skin and eyes.
Danger of slipping on spilled product.

Ensure adequate ventilation.

Environmental precautions: Do not empty into drains / surface water / ground water.

Clean-up methods: Remove mechanically.
Dilute small quantities with large amount of water and rinse.

Section 7. Handling and storage

Precautions for safe handling: No special measures required if used properly.

Conditions for safe storage: Store in sealed original container protected against moisture.
Store in a cool, dry place.
Store far from foodstuffs.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
HYDROGEN PEROXIDE 7722-84-1		1	1.4				
Stearates 11099-07-3	Inhalable dust.		10				

Engineering controls: Ensure good ventilation/suction at the workplace.

Eye protection: Wear tight fitting goggles.

Skin protection: Protective clothing against chemicals. Observe manufacturer's instructions.
Suitable protective gloves.

Respiratory protection: Not needed.

General protection measures: The following Australian Standards will provide general advice regarding safety clothing and equipment:
Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Section9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	emulsion O/W white
Odor	characteristic
Physical state	liquid

Melting point	Currently under determination
Initial boiling point	Currently under determination
Flammability	Currently under determination
Explosive limits	Currently under determination
Flash point	No flash point up to 100°C. Aqueous preparation.
Auto-ignition temperature	Currently under determination
Decomposition temperature	Currently under determination
pH (20 °C (68 °F))	3.30 - 3.70 pH value::47300
Viscosity (kinematic)	Currently under determination
Viscosity, dynamic (Haake; Instrument: Haake VT 550; 20 °C (68 °F); Rotary measuring system: MV II)	4,500 - 9,500 mPa.s Viscosity (Haake)::65800
Solubility (qualitative)	Currently under determination
Partition coefficient: n-octanol/water	Currently under determination
Vapour pressure	Currently under determination
Density (20 °C (68 °F))	0.980 - 1.030 g/cm3 Density and Specific Gravity by Digital Density Meter::50000
Relative vapour density:	Currently under determination
Particle characteristics	Currently under determination

9.2. Other information

Other information not applicable for this product

Section 10. Stability and reactivity

Stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Keep away from heat and direct sunlight.

Incompatible materials: None if used for intended purpose.

Hazardous decomposition products: No decomposition if used according to specifications.

Section 11. Toxicological information

Health Effects:

Ingestion: Not an anticipated route of exposure.
Skin: No adverse effects anticipated from normal use.
Eyes: Causes serious eye damage.
Inhalation: Not an anticipated route of exposure.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
hydrogen peroxide solution 7722-84-1	LD50 LD50	693.7 mg/kg > 2,000 mg/kg	oral dermal		rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
Alcohols, C16-18, 20EO 68439-49-6	LD50	3,050 mg/kg	oral		rat	not specified

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
hydrogen peroxide solution 7722-84-1	Category 1A (corrosive)	1 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Alcohols, C16-18, 20EO 68439-49-6	slightly irritating	4 h	rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
hydrogen peroxide solution 7722-84-1	corrosive		rabbit	Draize Test

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
hydrogen peroxide solution 7722-84-1	not sensitising		guinea pig	not specified
Alcohols, C16-18, 20EO 68439-49-6	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
hydrogen peroxide solution 7722-84-1	positive positive positive	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with with		Ames Test equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
hydrogen peroxide solution 7722-84-1	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Alcohols, C16-18, 20EO 68439-49-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
hydrogen peroxide solution 7722-84-1	NOAEL=26 mg/kg	oral: drinking water	ca. 90 dad libitum	mouse	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity: H401 Toxic to aquatic life.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
hydrogen peroxide solution 7722-84-1	LC50	16.4 mg/l	Fish	96 h	Pimephales promelas	other guideline:
hydrogen peroxide solution 7722-84-1	EC50	2.4 mg/l	Daphnia	48 h	Daphnia pulex	other guideline:
hydrogen peroxide solution 7722-84-1	NOEC	0.13 mg/l	Algae	72 h	Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
hydrogen peroxide solution 7722-84-1	EC50	0.5 mg/l	Algae	72 h	Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
hydrogen peroxide solution 7722-84-1	EC10	3.2 mg/l	Bacteria	30 min	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Alcohols, C16-18, 20EO 68439-49-6	LC50	4 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
Alcohols, C16-18, 20EO 68439-49-6	EC50	> 200 mg/l	Daphnia	24 h	Daphnia magna	not specified
Alcohols, C16-18, 20EO 68439-49-6	EC50	65 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09
Alcohols, C16-18, 20EO 68439-49-6	EC0	1,000 mg/l	Bacteria	30 min		not specified

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Octadecanoic acid, ester with 1,2,3-propanetriol 11099-07-3	readily biodegradable	aerobic	69 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Alcohols, C16-18, 20EO 68439-49-6	readily biodegradable	aerobic	71 - 75 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
hydrogen peroxide solution 7722-84-1	-1.57				20 °C	QSAR (Quantitative Structure Activity Relationship)

Section 13. Disposal considerations

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: Only completely empty containers are to be disposed of as recoverable materials.

Section 14. Transport information

Road and Rail Transport:

UN no.:	2984
Proper shipping name:	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Class or division:	5.1
Packing group:	III
Hazchem code:	2R Refer to the Australian and New Zealand Emergency Response Guidebook

Marine transport IMDG:

UN no.:	2984
Proper shipping name:	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Class or division:	5.1
Packing group:	III
EmS:	F-H ,S-Q
Seawater pollutant:	-

Air transport IATA:

UN no.:	2984
Proper shipping name:	Hydrogen peroxide, aqueous solution
Class or division:	5.1
Packing group:	III
Packing instructions (passenger)	551
Packing instructions (cargo)	555

Section 15. Regulatory information

SUSMP Poisons Schedule 5

Section 16. Other information

Abbreviations/acronyms:

ADGC - Australian Dangerous Goods Code
SUSMP - Standard for the Uniform Medicines of Medicines and Poisons
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
AIIC - Australian Inventory of Industrial Chemicals (AIIC)
AICIS - Australian Industrial Chemicals Introduction Scheme

Reason for issue: This Safety Data Sheet contains changes from the previous version in Section(s): involved chapters: 1-16

Disclaimer:

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