

PRODUCT SERUM SBC	PRODUCT CODE 5-686	REVISION DATE 15 August 2026
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HAZARDOUS CHEMICAL according to the criteria of the Work Health and Safety Regulations (GHS Revision 7). **DANGEROUS GOODS** according to the ADG Code.

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product identifier	SERUM SBC
Other means of identification	Product code 5-686 (5-686-04 case of 4 x 3.785 L; 5-686-05 18.9 L pail). Hydrogen peroxide compound (6 to 10 %).
Recommended use	Daily use hydrogen peroxide based organic cleaner. Spray and wipe, no rinse cleaner for professional cleaning and restoration use.
Restrictions on use	Do not mix with other chemicals.
Australian supplier (importer)	Restoration Innovations Pty Ltd 3/22 Industry Drive, Tweed Heads South NSW 2486, Australia Telephone: (07) 5520 2315 (business hours)
Manufacturer	Serum Products, LLC 1355 West Oak Commons Lane, Unit B, Marietta GA 30062, United States of America Telephone: +1 678 290 1880
Emergency telephone number	Poisons Information Centre 13 11 26 (24 hours, Australia wide). Restoration Innovations (07) 5520 2315 (business hours).

SECTION 2 HAZARDS IDENTIFICATION

Classification of the hazardous chemical	Serious Eye Damage / Eye Irritation - Category 1 (H318)
Dangerous goods classification	Classified as Dangerous Goods according to the ADG Code where the hydrogen peroxide content is 8 % or more (see Section 14).

Label elements

 GHS05 Corrosion	Signal word: DANGER Hazard statements H318 Causes serious eye damage.
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Precautionary statements - Prevention

- P264 Wash hands and exposed skin thoroughly after handling.
- P280 Wear protective gloves, protective clothing, eye protection and face protection.

Precautionary statements - Response

- 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.

Precautionary statements - Disposal

- P501 Dispose of contents and container in accordance with local, state and federal regulations.

Other hazards which do not result in classification	Contains hydrogen peroxide. Skin contact causes temporary whitening and stinging. Product heated above 82°C will release oxygen and may create an explosive atmosphere. Decomposition in contaminated or unvented containers may cause pressure build up.
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SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredient	CAS number	Proportion (% w/w)
Hydrogen peroxide	7722-84-1	6 - 10
Surfactants and foaming agents (trade secret)	Proprietary	< 0.5
Water	7732-18-5	Balance to 100

Ingredients determined not to be hazardous, or present below the cut off concentrations for disclosure, are not listed. Proportions are as stated by the manufacturer.

SECTION 4 FIRST AID MEASURES

General	If exposed or concerned, contact the Poisons Information Centre on 13 11 26 or a doctor. Show this Safety Data Sheet to medical personnel.
Inhalation	Remove the person to fresh air. If irritation or shortness of breath persists, seek medical attention.
Skin contact	Remove contaminated clothing. Flush the affected skin with plenty of running water. Whitening and stinging of the skin normally resolves within 30 to 60 minutes. Seek medical attention if irritation, burning or blistering persists.
Eye contact	Hold the eyelids apart and flush the eye continuously with running water for at least 15 minutes, lifting the upper and lower lids intermittently. Remove contact lenses if present and easy to do. Seek medical attention immediately. Risk of permanent corneal injury.
Ingestion	Do NOT induce vomiting. Rinse the mouth and give plenty of water to drink. Seek medical attention immediately.
Most important symptoms and effects, acute and delayed	Eyes: pain, swelling, blurred vision, damage to the surface of the eye and risk of permanent injury. Skin: whitening, stinging, burning and possible blistering. Inhalation of mist: choking, gagging, shortness of breath. Ingestion: burning of the mouth, oesophagus and stomach lining.
Medical attention and special treatment	Contains 6 to 10 % hydrogen peroxide. Treat symptomatically. Avoid gastric lavage following ingestion.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media	Water. Use extinguishing media appropriate to the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Not flammable. Product heated above 82°C releases oxygen which may intensify a surrounding fire.
Special protective equipment and precautions for fire fighters	Wear self contained breathing apparatus and protective clothing appropriate to the surrounding fire.
Hazchem code	2R (where transported as UN2984)

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Wear chemical resistant gloves and chemical splash goggles. Avoid contact with eyes and skin.
Environmental precautions	Stop the leak if safe to do so. Prevent product from entering drains and waterways.
Methods and materials for containment and cleaning up	Contain the spill and recover the liquid with a wet vacuum or absorb with inert non combustible material. Neutralise residues with a mild alkaline material to pH 7 and dispose of in accordance with Section 13. Flush the area with water.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling	Use only as directed. Avoid contact with eyes and skin. Wear chemical resistant gloves and eye protection when handling the concentrate. Do not mix with other chemicals. Do not return unused product to the original container. Wash hands after handling.
Conditions for safe storage, including any incompatibilities	Store in the original container, tightly closed, in a cool, dry area out of direct sunlight and away from combustible materials and alkalis. Store below 37°C. Do not reuse empty containers.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace exposure standards (Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants, November 2025)

Ingredient	CAS number	TWA (8 hour)	STEL / Peak	Notation
Hydrogen peroxide	7722-84-1	1 ppm (1.4 mg/m ³)	Not established	None

TWA: time weighted average over an eight hour working day. STEL: short term exposure limit (15 minutes). Peak limitation: not to be exceeded at any time. Sk: absorption through the skin may be a significant source of exposure.

Biological monitoring	No biological exposure standards are established for the ingredients.
Appropriate engineering controls	General ventilation is normally sufficient. Provide additional ventilation where mist is generated.
Eye and face protection	Chemical splash goggles complying with AS/NZS 1337.1.
Skin and body protection	Chemical resistant gloves (nitrile, neoprene or PVC) complying with AS/NZS 2161.10.1 when handling the concentrate.
Respiratory protection	Not normally required. Where mist is generated in poorly ventilated areas, use a half face respirator with organic vapour / acid gas / P2 filters (AS/NZS 1716).
Hygiene measures	Wash hands before eating, drinking, smoking or using the toilet and at the end of the work period. Remove contaminated clothing and wash before reuse. Do not eat, drink or smoke in the work area.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	Clear, colourless liquid
Odour	Odourless
Odour threshold	Not determined
pH	2.9 (neat); 3.9 (1 % solution)

Melting / freezing point	0°C
Boiling point / range	100°C
Flash point	Not applicable (not flammable)
Evaporation rate	> 1 (water = 1)
Flammability	Not flammable
Upper / lower flammability or explosive limits	Not applicable
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Specific gravity 1.070 (water = 1)
Solubility in water	Completely miscible with water
Partition coefficient n-octanol/water	Not determined
Auto-ignition temperature	Not applicable
Decomposition temperature	Releases oxygen when heated above 82°C
Viscosity	Not determined
Other information	Solids 0.0 %; VOC 0.0

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Contains hydrogen peroxide; releases oxygen on decomposition.
Chemical stability	Stable under the recommended storage conditions.
Possibility of hazardous reactions	Contact with strong alkalis or iron catalyses decomposition with oxygen release.
Conditions to avoid	Heat above 52°C, direct sunlight, contamination.
Incompatible materials	Strong alkaline chemicals, iron and iron based metals (oxidises iron).
Hazardous decomposition products	Oxygen.

SECTION 11 TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, inhalation of mist, ingestion.
Acute toxicity data	Product: No data available. Hydrogen peroxide oral LD50 (rat): 2000 mg/kg (manufacturer data).
Skin corrosion / irritation	Turns the skin white for 30 to 60 minutes; burning, stinging and blistering with prolonged contact. Not classified as a skin irritant at this concentration.
Serious eye damage / irritation	Causes serious eye damage. Oxidises the surface of the iris and white of the eye; permanent scarring is possible.
Inhalation	Mist may cause short term choking and gagging.
Ingestion	Causes burning of the mouth, oesophagus and stomach lining. Harmful or fatal if swallowed in large amounts.

Respiratory or skin sensitisation	No data available.
Chronic effects (carcinogenicity, mutagenicity, reproductive toxicity, STOT, aspiration)	No data available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	No product specific data. Hydrogen peroxide degrades into water and oxygen. The surfactants and foaming agents (less than 0.5 % by weight according to the manufacturer) are classified GRAS by the US EPA.
Persistence and degradability	Degrades rapidly into water and oxygen.
Bioaccumulative potential	Not expected to bioaccumulate.
Mobility in soil	Completely miscible with water.
Other adverse effects	Do not discharge undiluted product to waterways.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods and precautions	Neutralise with a small amount of mild alkaline material to pH 7 and dispose of to the sanitary sewer where permitted by the local water authority, or dispose of in accordance with local, state and federal regulations. Do not reuse empty containers.
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SECTION 14 TRANSPORT INFORMATION

	Road and rail (ADG Code)	Sea (IMDG Code)	Air (IATA DGR)
UN number	2984	2984	2984
Proper shipping name	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8 % but less than 20 % hydrogen peroxide (stabilised as necessary)	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8 % but less than 20 % hydrogen peroxide (stabilised as necessary)	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8 % but less than 20 % hydrogen peroxide (stabilised as necessary) (manufacturer: do not ship by air)
Transport hazard class	5.1	5.1	5.1
Subsidiary risk	None	None	None
Packing group	III	III	III
Hazchem code	2R	-	-
Environmental hazards	Not a marine pollutant	Not a marine pollutant	Not a marine pollutant

Label(s) required	Oxidising agent (Class 5.1)
Special precautions for user	Applies where the hydrogen peroxide content is 8 % or more; batches below 8 % are not regulated. Do not transport by air; ship by road, rail or sea only. Limited quantity provisions may apply to packages of 5 L or less (ADG Code Chapter 3.4).

Transport in bulk (IMO instruments)	Not applicable. Not transported in bulk.
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SECTION 15 REGULATORY INFORMATION

Poisons Schedule (SUSMP)	Schedule 6 - POISON (Poisons Standard June 2026: hydrogen peroxide in preparations containing more than 6 %). Label requirements for hydrogen peroxide more than 3 % up to 10 %: first aid statements A, G3, E2 and S1 (Appendix E); warning statement 'Irritant' and safety direction 'Avoid contact with eyes' (Appendix F).
Australian Inventory of Industrial Chemicals (AIIC)	Hydrogen peroxide (CAS 7722-84-1) is listed on the AIIC. The surfactant identities are held as trade secret by the manufacturer; their AIIC status is the manufacturer's representation.
Other regulatory information	Hazardous chemical under the Work Health and Safety Regulations.

SECTION 16 OTHER INFORMATION

Date of issue / revision	15 August 2026 (Version 2.0)
Supersedes	Restoration Innovations SDS dated 18 June 2023
Basis of preparation	Prepared by Restoration Innovations Pty Ltd as Australian importer from the manufacturer's Safety Data Sheet (Serum Products, LLC, revised 7 July 2021), with hazard classification determined under GHS Revision 7 as adopted by the Work Health and Safety Regulations, using the harmonised classifications and specific concentration limits of the ingredients, the manufacturer's stated composition and physical data (including product pH), and the Safe Work Australia Workplace Exposure Standards for Airborne Contaminants (November 2025). Transport information is given under the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
Key to abbreviations	ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail. AIIC: Australian Inventory of Industrial Chemicals. ATE: acute toxicity estimate. CAS: Chemical Abstracts Service registry number. EC50/LC50/LD50: median effective / lethal concentration / dose. GHS: Globally Harmonized System of Classification and Labelling of Chemicals. IATA DGR: International Air Transport Association Dangerous Goods Regulations. IMDG Code: International Maritime Dangerous Goods Code. PG: packing group. STEL: short term exposure limit. STOT: specific target organ toxicity. SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Poisons Standard). TWA: time weighted average. WHS: work health and safety.
References	Work Health and Safety Regulations (Commonwealth and harmonised jurisdictions). Safe Work Australia, Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (November 2025). Australian Dangerous Goods Code, Edition 7.9. Standard for the Uniform Scheduling of Medicines and Poisons (current edition). AS-IICRC S520 Standard for Professional Mold Remediation. AS 3780 The storage and handling of corrosive substances. AS 4326 The storage and handling of oxidizing agents. Manufacturer's Safety Data Sheet, Serum Products, LLC.
Training advice	Users should be trained in the safe handling of hazardous chemicals and in the specific application methods for this product, including the personal protective equipment and engineering controls described in Section 8. Restoration technicians should hold appropriate IICRC certification for the work being undertaken.

SAFETY DATA SHEET

SERUM SBC



Prepared in accordance with the Work Health and Safety Regulations and the Safe Work
Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals

This Safety Data Sheet has been prepared by Restoration Innovations Pty Ltd in good faith from information provided by the manufacturer and from published sources believed to be accurate at the date of issue. It is intended as a guide to the safe handling, storage, transport and disposal of the product and should not be taken as a specification or a guarantee of properties. Users must satisfy themselves that the product is suitable for their intended use and must comply with all applicable legislation. Restoration Innovations Pty Ltd accepts no liability for any loss, injury or damage arising from reliance on this document, to the extent permitted by law. This SDS should be reviewed at least every five years or earlier if new information becomes available.

End of Safety Data Sheet