

SAFETY DATA SHEET

POLYSORBATE 20

1. IDENTIFICATION

Product Name: Polysorbate 20

INCI Name: Polysorbate 20

CAS No.: 9005-64-5

Chemical Description: Polyoxyethylene sorbitan monolaurate

Recommended Use: Cosmetic and personal-care raw material; non-ionic surfactant, solubiliser, emulsifier and dispersing agent.

Supplier: JNA Ingredient Co

Postal Address: PO Box 7495, Loganholme QLD 4129, Australia

Website: jnaingredientco.com.au

Business Telephone: 0480 365 115

Poisons Information Centre (Australia): 13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification: Not classified as a hazardous substance or mixture based on available manufacturing documentation and supporting reference information.

Signal Word: None required.

Hazard Pictograms: None required.

Hazard Statements: None required.

Other Hazards: Spilled material may create a slip hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Composition
Polysorbate 20	9005-64-5	100% as supplied

4. FIRST AID MEASURES

Eye Contact: Rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Seek medical advice if irritation develops or persists.

Skin Contact: Wash with water and mild soap. Remove contaminated clothing if necessary.

Inhalation: Not expected to present a significant inhalation hazard under normal handling. Move to fresh air if discomfort occurs.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice if unwell.

Most Important Symptoms / Effects: No significant acute or delayed effects are expected under normal conditions of use based on available information.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide as appropriate for the surrounding fire.

Specific Hazards: Product may burn if involved in a fire. Thermal decomposition or combustion may produce irritating or harmful fumes, including carbon oxides.

Protective Equipment for Firefighters: Wear appropriate protective equipment and self-contained breathing apparatus where required. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use appropriate personal protective equipment. Avoid contact with eyes. Exercise caution as spilled material may be slippery.

Environmental Precautions: Avoid uncontrolled release to drains and waterways.

Methods for Cleaning Up: Contain the spill. Absorb with inert material where appropriate and transfer to a suitable labelled container for disposal. Wash the affected area with water after bulk material has been removed.

7. HANDLING AND STORAGE

Handling: Use good industrial hygiene practices. Avoid unnecessary eye contact. Keep containers closed when not in use.

Storage: Store in a sealed container in a cool, dry and well-ventilated place. Protect from direct light, excessive heat and incompatible oxidising materials.

Shelf Life: 24 months when stored under recommended conditions, based on manufacturing documentation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No occupational exposure limit identified in the available manufacturing documentation.

Engineering Controls: General workplace ventilation is normally adequate.

Eye Protection: Safety glasses are recommended for bulk handling or where splashing may occur.

Skin Protection: Protective gloves and suitable work clothing are recommended for prolonged or bulk handling.

Respiratory Protection: Normally not required under intended conditions of use.

Hygiene Measures: Wash hands after handling. Do not eat or drink in work areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Information
Appearance	Colorless to slightly yellowish clear, viscous liquid
Odour	Weak odour
Solubility	Soluble in water and alcohol; insoluble in mineral oil
Volatility	Negligible
Moisture	Not more than 5% (manufacturing SDS)
Flash Point	No value provided in JNA manufacturing documentation

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known under normal conditions of use.

Chemical Stability: Stable under recommended storage and handling conditions.

Conditions to Avoid: Excessive heat, direct light and conditions inconsistent with recommended storage.

Incompatible Materials: Strong oxidising agents.

Hazardous Decomposition Products: No hazardous decomposition products are expected under normal storage. Combustion may generate carbon oxides and irritating fumes.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No acute toxicity classification identified in the available manufacturing documentation.

Skin Contact: No significant harmful effects expected under normal handling; prolonged contact may cause minor irritation in sensitive individuals.

Eye Contact: Direct contact may cause temporary irritation.

Inhalation: Low exposure expected because the product is a non-volatile liquid.

Ingestion: Not intended for ingestion as supplied by JNA Ingredient Co.

Chronic Effects: No chronic effects identified in the available manufacturing documentation.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No specific ecotoxicity data provided in the manufacturing documentation.

Persistence / Degradability: No data available in the manufacturing documentation.

Bioaccumulative Potential: No data available in the manufacturing documentation.

Mobility in Soil: No data available.

Environmental Precautions: Avoid unnecessary release of bulk material to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of contents and containers in accordance with applicable local, state and federal requirements. Do not discharge bulk quantities to drains or waterways. Where possible, minimise waste generation and use an appropriately licensed waste contractor.

14. TRANSPORT INFORMATION

UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class	Not applicable
Packing Group	Not applicable
Marine Pollutant	No
ADR/RID	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods
Special Precautions	No special dangerous-goods transport precautions identified. Protect containers from physical damage and excessive heat during transport.

Transport classification is based on the available manufacturing documentation for this material.

15. REGULATORY INFORMATION

This SDS has been prepared for JNA Ingredient Co using the available manufacturing documentation and supporting safety information for Polysorbate 20. The material is not classified as hazardous under the GHS information reviewed. Users remain responsible for determining regulatory suitability for their specific use and finished product.

Australian Inventory / AICIS: Regulatory inventory status has not been independently verified in the supplied manufacturing documentation and should be confirmed where required for the intended use.

16. OTHER INFORMATION

Document No.: SDS-P20-001

Version: 1.0

Issue Date: 06/09/2026

Prepared For: JNA Ingredient Co

Supporting manufacturing documentation is retained on file by JNA Ingredient Co.

Disclaimer: The information in this Safety Data Sheet is based on manufacturing documentation and information considered reliable at the date of issue. It is provided for guidance in the safe handling, storage and transport of the raw material. Users are responsible for assessing suitability for their intended application and complying with applicable requirements.