SAFETY DATA SHEET

JOICO Defy Damage In a Flash

Source: Henkel SDS, revision 001.1, issued 16 December 2025, RS 839714. Australian-format adaptation prepared 9 November 2026. Manufacturer-reported US GHS classifications retained at importer request.

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier: JOICO Defy Damage In a Flash

Recommended use: Hair treatment, rinse-off.

Australian importer and distributor: Sabre Haircare, Suite 3, Building 6, 49 Frenchs Forest Road East, Frenchs Forest NSW 2086, Australia. **Telephone:** (02) 9982 0100.

Emergency telephone: Poisons Information Centre 13 11 26 (Australia, 24 hours). Use of this number on an SDS is subject to confirmation of applicable National Poisons Register notification arrangements.

Original manufacturer: Henkel Corporation, One Henkel Way, Rocky Hill CT 06067, USA.

2. HAZARDS IDENTIFICATION

Manufacturer-reported GHS classifications (US source SDS; retained at importer request and not independently verified for Australian GHS 7): Flammable liquid Category 3; Skin irritation Category 2; Eye irritation Category 2A; Skin sensitisation Category 1.

Signal word: WARNING

Hazard statements: H226 Flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

GHS pictograms reported: Flame (GHS02); Exclamation mark (GHS07).

Precautionary statements (summary): Keep away from heat, sparks, open flames and hot surfaces. Keep container tightly closed. Avoid breathing mist or vapour. Wash thoroughly after handling. Wear protective gloves and eye protection where exposure is likely. If in eyes, rinse cautiously with water for several minutes. If skin irritation or rash occurs, seek medical advice. Store in a cool, well-ventilated place.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS number	Concentration
Propane-1,2-diol	57-55-6	≥20 – <30%
Ethanol, denatured	64-17-5	≥20 – <30%
Tetradecanol	112-72-1	≥10 – <20%
Glycerol	56-81-5	≥5 – <10%
Cetrimonium chloride	112-02-7	≥1 – <5%
Hexadecan-1-ol	36653-82-4	≥0.1 – <1%

The specific chemical identity and/or exact percentage of composition has been withheld by the manufacturer as a trade secret. Concentration ranges are reproduced from the source SDS.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical advice if symptoms occur or persist.

Skin contact: Remove contaminated clothing. Wash affected skin with soap and water. Seek medical advice if irritation or rash develops or persists.

Eye contact: Rinse cautiously with plenty of water for at least 15 minutes, occasionally lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Seek medical attention if pain or irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Contact the Poisons Information Centre or a medical practitioner.

Most important symptoms and effects: Eye irritation, skin irritation or sensitisation. High vapour concentrations may cause nausea, dizziness or headache. Ingestion may cause irritation of the mouth, throat and digestive tract, diarrhoea or vomiting.

Advice to doctor: Treat symptomatically. Refer to product-specific manufacturer information where further details are required.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Alcohol-resistant foam, dry chemical or carbon dioxide. For larger fires, use fine water spray or alcohol-resistant foam.

Specific hazards: Product is a flammable liquid. Combustion/decomposition may produce carbon oxides, hydrogen chloride and nitrogen oxides.

Fire-fighter precautions: Shut off ignition sources. Cool exposed containers with water spray from a protected position. Avoid breathing vapours; keep upwind. Firefighters should wear appropriate protective equipment and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove ignition sources. Ventilate the area. Keep unnecessary personnel away. Wear suitable skin, eye and respiratory protection as indicated by the risk assessment. Spills may present a slipping hazard.

Environmental precautions: Prevent large releases from entering drains, waterways or soil.

Methods for containment and cleaning up: Contain and absorb small spills with sand or another suitable inert absorbent. Place collected material in suitable labelled containers for disposal. For large spills, prevent spread and recover using suitable equipment/absorbent. Clean the affected area carefully.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes. Do not ingest. Use with adequate ventilation. Avoid generating aerosols or mists. Keep away from ignition sources. Observe good industrial hygiene practices.

Conditions for safe storage: Flammable liquid. Store in a cool, well-ventilated place, away from direct sunlight, excessive heat, flames, sparks, strong oxidisers and strong alkalis. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Australian workplace exposure standards: The source SDS provides US OSHA/ACGIH exposure limits, which have not been adopted here as Australian limits. Current Safe Work Australia workplace exposure standards for relevant ingredients must be checked and confirmed before issue.

Engineering controls: Provide local exhaust or general dilution ventilation to control airborne vapours or mists. Ventilation equipment should be suitable for use where flammable vapours may be present.

Respiratory protection: Determine from workplace exposure assessment and applicable Australian guidance where vapours or mists may be generated.

Eye protection: Splash-proof safety glasses where splashing may occur.

Hand/body protection: Suitable protective gloves and clothing where repeated or prolonged contact may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance / physical state	Liquid; colourless to light yellow
Odour	Floral, oriental, vanilla
pH	4.5–6 (20°C)
Flash point	27.5°C (81.5°F), Abel, low viscosity; DIN EN ISO 13736
Solubility in water	Partially soluble
Other properties	Boiling point, vapour pressure, vapour density, viscosity, evaporation rate, autoignition temperature and decomposition temperature: not available in source SDS

10. STABILITY AND REACTIVITY

Reactivity: May react with strong alkalis.

Chemical stability: Stable under normal ambient temperature and pressure.

Possibility of hazardous reactions: Hazardous polymerisation has not been reported under normal temperatures and pressures.

Conditions to avoid: Direct sunlight and extremes of temperature; ignition sources.

Incompatible materials: Strong oxidisers and alkalis.

Hazardous decomposition products: Thermal decomposition may produce oxides of carbon; source SDS also identifies hydrogen chloride and nitrogen oxides under fire conditions.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Eye contact, skin contact, inhalation of vapour/mist and ingestion.

Inhalation: Not an anticipated route under normal use. Intentional or excessive inhalation may cause throat/lung irritation and central nervous system effects, including nausea, dizziness and headache.

Skin contact: Repeated or prolonged excessive exposure may cause irritation or sensitisation dermatitis in previously exposed individuals.

Eye contact: May cause moderate to severe irritation.

Ingestion: Large quantities may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Other relevant information: Source SDS contains differing statements regarding ethanol carcinogenicity in ingredient-level and mixture-level summaries. This inconsistency requires manufacturer clarification; no definitive mixture conclusion is made in this draft.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Product aquatic toxicity profile has not been determined. Source SDS indicates ingredient-level biodegradability data for several components. Product bioaccumulation potential and mobility in soil have not been determined. Avoid uncontrolled release to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of contents and containers in accordance with applicable Australian, NSW and local requirements. Bulk product may require management as flammable chemical waste. Do not apply US RCRA waste codes or US landfill directions as Australian disposal instructions. Consult an appropriately authorised waste contractor.

14. TRANSPORT INFORMATION

Manufacturer-reported transport information (source SDS): UN1266, PERFUMERY PRODUCTS, Class 3, Packing Group III for US DOT ground and international air/sea entries. The source identifies cetrimonium chloride and fatty alcohol C14 as marine pollutant constituents for IMDG purposes.

Australian ADG Code: Australian transport classification, proper shipping name, UN number, class, packing group, Hazchem code, special provisions and any limited-quantity provisions must be confirmed for the actual product formulation, packaging and transport mode before issue or shipment. The US transport entry is not represented as an Australian ADG determination.

15. REGULATORY INFORMATION

Australian WHS legislation and the adopted GHS framework apply to workplace classification and SDS preparation. As Australian importer, Sabre Haircare must verify applicable AICIS introducer/inventory obligations, Poisons Standard scheduling, ADG transport requirements and relevant state/territory storage and waste requirements. US TSCA, OSHA, RCRA and California Proposition 65 statements in the source are not Australian regulatory determinations.

16. OTHER INFORMATION

Prepared as an Australian-format working draft on 9 November 2026 using Henkel Corporation SDS revision 001.1, issued 16 December 2025 (RS Number 839714), and historical Australian JOICO SDS documents supplied by Sabre as formatting references only. Manufacturer-reported US GHS classifications have been retained at Sabre’s request and have not been independently verified against Australian GHS 7 criteria.

Draft status: This document is not manufacturer-approved or independently verified for Australian issue. Before issue, Sabre Haircare must verify the GHS 7 classification, current Australian workplace exposure standards, ADG transport classification, AICIS/poisons requirements, emergency contact arrangements and all product-specific technical data.

END OF DRAFT – NOT FOR ISSUE AS A VERIFIED AUSTRALIAN-COMPLIANT SDS.