



SAFETY DATA SHEET

Economy Hand Soap

Product Type: Liquid Hand Soap

Product Name: Economy Hand Soap

Version: 1.0

Date: 17 September 2026

SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER

Product Name: Economy Hand Soap

Product Type: Mild liquid hand soap for general hand washing

Recommended Use: Everyday hand washing in domestic, public, commercial and workplace environments.

Intended Users: General consumers, schools, workplaces, restaurants, clinics, retail stores and industrial environments.

Suitable Applications:

- General hand washing
- Public and private washrooms
- Schools
- Workplaces and offices
- Restaurants
- Clinics
- Retail stores
- Industrial settings
- Refillable wall-mounted soap dispensers
- Pump bottles



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SECTION 2: HAZARD IDENTIFICATION

Product Classification

Economy Hand Soap is a mild, water-soluble liquid hand soap formulated for frequent everyday use. The supplied pH range of **6.0–7.5** indicates that the product is generally near-neutral.

Based on the information supplied, the product is not expected to present a significant hazard during normal intended use. However, the final GHS hazard classification must be confirmed from the complete formulation, including surfactants, preservatives, fragrance and other ingredients.

Potential Hazards

- Direct contact with the eyes may cause temporary irritation.
- Prolonged contact may cause irritation in sensitive individuals.
- Accidental ingestion may cause gastrointestinal discomfort.
- The product is not intended for consumption.
- Spilled product may create slippery surfaces.
- Product is intended for external use only.

Precautionary Measures

- Avoid contact with eyes.
- For external use only.
- Do not swallow.
- Rinse eyes thoroughly with clean water if contact occurs.
- Discontinue use if skin irritation develops.
- Wash hands after handling bulk quantities.
- Keep container tightly closed when not in use.
- Keep out of reach of children.



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Economy Hand Soap is a water-based liquid cleansing formulation.

Typical formulation components may include:

- Water
- Cleansing surfactants
- Foam-forming or foam-stabilising agents
- Moisturising or skin-conditioning agents
- pH-adjusting agents
- Preservatives
- Fragrance
- Colourants, where applicable
- Water-conditioning agents

Exact chemical names, concentrations and CAS numbers: To be confirmed from the final manufacturing formulation.



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SECTION 4: FIRST-AID MEASURES

Eye Contact

Immediately rinse eyes cautiously with clean running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Skin Contact

The product is intended for routine hand washing. If irritation, redness or discomfort develops, discontinue use and wash the affected area thoroughly with water. Seek medical advice if irritation persists.

Inhalation

Inhalation is not expected to be hazardous during normal intended use. If discomfort occurs following exposure to spray or mist, move the affected person to fresh air. Seek medical attention if symptoms persist.

Ingestion

The product is not intended for consumption. **Do not induce vomiting.** Rinse the mouth with water and seek medical advice if a significant quantity has been swallowed or if symptoms develop.

Most Important Symptoms

- Temporary eye irritation
- Skin irritation in sensitive individuals
- Gastrointestinal discomfort following accidental ingestion



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SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate for the surrounding fire, including:

- Dry chemical
- Carbon dioxide
- Foam
- Water spray

Specific Hazards

Economy Hand Soap is primarily water-based and **is not expected to be highly flammable under normal conditions.**

Heating or combustion of the product or its packaging may produce irritating fumes or gases.

Protective Equipment for Firefighters

Firefighters should use suitable protective clothing and respiratory protection where necessary, particularly in enclosed areas or where decomposition fumes may be present.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Avoid contact with eyes.
- Avoid prolonged contact with skin if irritation occurs.
- Wear suitable gloves when handling large spills or bulk quantities.
- Take care because spilled product may create slippery surfaces.
- Ensure adequate ventilation where large quantities are spilled.

Environmental Precautions

Prevent large quantities from entering stormwater drains, rivers, dams or other natural waterways.

Although the product is intended for washing and rinsing, uncontrolled environmental release should be avoided.

Spill Containment and Cleaning

- Stop the source of the spill where it is safe to do so.
- Contain the spill to prevent spreading.
- Keep unnecessary personnel away from the affected area.
- Absorb large quantities using suitable inert absorbent material where appropriate.
- Collect contaminated material into a suitable container.
- Wash the affected surface thoroughly with water after the bulk product has been removed.
- Take care because residual soap may make surfaces slippery.
- Dispose of collected waste according to applicable local requirements.



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SECTION 7: HANDLING AND STORAGE

Safe Handling

- Use only as directed.
- For external use only.
- Avoid contact with eyes.
- Do not swallow.
- Discontinue use if irritation develops.
- Keep container closed when not in use.
- Wash hands after handling bulk quantities.
- Avoid unnecessary contamination of the product inside refill containers or dispensers.

Storage Conditions

- Store in a cool, dry area.
- Protect from direct sunlight.
- Keep containers tightly closed when not in use.
- Protect from freezing conditions.
- Protect from extreme temperatures.
- Store in the original container where possible.
- Keep out of reach of children.

Incompatible Materials

- Specific incompatibilities should be confirmed from the final formulation.

Avoid unnecessary mixing with:

- Strong acids
- Strong alkalis
- Oxidising agents
- Other cleaning chemicals unless specifically approved



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

Specific occupational exposure limits for the complete product have not been established based on the information supplied. Exposure limits for individual ingredients should be confirmed from the final formulation.

Engineering Controls

Normal ventilation should generally be adequate during routine hand-washing use and dispensing.

Adequate ventilation should be maintained when handling large quantities.

Eye Protection

Eye protection is not normally required during routine hand washing. Safety glasses or chemical splash goggles are recommended during bulk handling or where splashing of concentrated product may occur.

Hand Protection

Protective gloves are recommended when handling large quantities, during spill clean-up or where prolonged exposure to concentrated product is possible.

Skin and Body Protection

No special protective clothing is normally required during routine intended use. Suitable protective clothing should be worn during bulk handling or spill response where appropriate.

Respiratory Protection

Respiratory protection is not normally expected to be required during routine use. Avoid breathing concentrated spray or mist if generated.



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Hygiene Measures

- Wash hands thoroughly after handling bulk product.
- Avoid touching the eyes during use.
- Do not eat or drink while handling bulk quantities.
- Remove contaminated clothing where necessary.
- Wash contaminated clothing before reuse.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to light-coloured liquid
Colour	Clear to light-coloured
Odour	Mild, fresh scent
pH (neat)	6.0 – 7.5
Viscosity at 25°C	To be determined
Density at 25°C	0.98 – 1.02 g/cm ³
Solubility	Fully water-soluble
Foam/Lather	Light, gentle lather
Physical state	Liquid
Flammability	Not expected to be flammable under normal conditions
Flash point	Not determined; water-based product not expected to be highly flammable
Oxidising properties	Not expected under normal conditions; confirmation required



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SECTION 10: STABILITY AND REACTIVITY

Reactivity

No significant reactivity is expected during normal handling and storage.

Chemical Stability

Expected to remain stable under recommended storage conditions.

Conditions to Avoid

- Extreme heat
- Direct sunlight
- Freezing conditions
- Excessive temperature fluctuations
- Unnecessary exposure to incompatible chemicals

Incompatible Materials

- Avoid contact or mixing with:
- Strong acids
- Strong alkalis
- Oxidising agents
- Other chemical cleaning products

Hazardous Reactions

Hazardous reactions are not expected under normal conditions when the product is stored and used according to the manufacturer's instructions.

Hazardous Decomposition Products

Thermal decomposition or combustion may produce irritating fumes or gases.



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SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin contact
- Eye contact
- Accidental ingestion
- Inhalation of spray or mist, if generated

Eye Effects

Direct contact may cause temporary eye irritation. Rinse thoroughly with clean water following contact.

Skin Effects

The product is designed for routine hand washing. Skin irritation is not expected during normal use, although sensitive individuals may experience irritation or dryness.

Discontinue use if irritation develops.

Inhalation

Inhalation is not expected to present a significant hazard during normal use. Spray or mist may cause temporary discomfort if generated in significant quantities.

Ingestion

The product is not intended for consumption. Accidental ingestion may cause gastrointestinal irritation or discomfort.

Chronic Effects

No specific chronic toxicity information is available for the complete finished formulation based on the information supplied. A complete toxicological assessment should be based on the individual ingredients and their concentrations.



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No specific ecotoxicological data are available for the complete finished formulation.

Large uncontrolled releases should be prevented from entering natural waterways.

Persistence and Degradability

No complete biodegradability data have been supplied for the finished formulation.

Bioaccumulative Potential

No specific data are available for the complete finished product.

Mobility in Soil

The product is fully soluble in water and may readily move with water following environmental release.

Environmental Precaution

Prevent uncontrolled release into:

- Rivers
- Dams
- Streams
- Stormwater systems
- Soil and other natural environments



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SECTION 13: DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of unused product, residues and contaminated materials in accordance with applicable local, municipal and national waste-disposal requirements.

Avoid discharge of large quantities of concentrated product directly into natural waterways.

Container Disposal

Empty containers should be disposed of or recycled according to applicable local requirements.

Do not reuse containers for food, beverages or other unrelated purposes.

Contaminated Packaging

Packaging containing significant product residues should be treated as contaminated and disposed of responsibly.



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SECTION 14: TRANSPORT INFORMATION

- The final transport classification must be confirmed from the complete formulation and applicable transport regulations.

Transport Mode	Classification
Road	Not regulated as dangerous goods based on available information
Rail	Not regulated as dangerous goods based on available information
Sea	Not regulated as dangerous goods based on available information
Air	Not regulated as dangerous goods based on available information

Based on the supplied information, Economy Hand Soap is a water-based, near-neutral liquid and is not expected to be highly flammable. Final transport classification must nevertheless be confirmed from the complete formulation.



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SECTION 15: REGULATORY INFORMATION

The finished product should be assessed against all applicable South African requirements relating to:

- Chemical classification and labelling
- Safety Data Sheets
- Occupational health and safety
- Hazardous chemical substances, where applicable
- Consumer chemical products, where applicable
- Environmental protection
- Waste management
- Transport of hazardous substances, where applicable
- Requirements applicable to products marketed for hand hygiene, where applicable

Any claims relating to **hand hygiene, skin safety or suitability for frequent** use should be supported by appropriate formulation, safety and product-performance data where required.



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SECTION 16: OTHER INFORMATION

Recommended Uses

Economy Hand Soap is intended for:

- General hand washing
- Schools
- Public washrooms
- Offices and workplaces
- Restaurants
- Clinics
- Retail stores
- Industrial environments
- Private domestic settings
- Refillable wall-mounted dispensers
- Pump bottles

Directions for Use

1. Wet hands with clean water.
2. Dispense 1–2 pumps of Economy Hand Soap into wet hands.
3. Rub hands together for at least 20 seconds.
4. Rinse thoroughly with clean water.
5. Dry hands using a clean towel or air dryer.

For external use only.

Avoid contact with eyes.

Important Safety Warning

FOR EXTERNAL USE ONLY.

AVOID EYE CONTACT.

DO NOT SWALLOW.



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