

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: LOW TEMPERATURE LAUNDRY POWDER

PART NO: 0724

SUPPLIER: Merton Group UK Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME: CAS NO:	EINECS Nr:	CLASSIFICATION	CONTENT
ALCOHOLETHOXYLATES (Nonionic Surfactant)	64425-86-1	Xn; R22, R41	1 - 10 %
ALCOHOL ETHOXYLATES (Nonionic surfactant)	68439-45-2	Xn; R22, R41	1 - 10 %
SODIUM SILICATE	13870-28-5	Xi; R41	1 - 10 %
SALT OF LAS (Anionic Surfactant)	68081-81-2	Xn; R22, R38, R41	1 - 15 %
SODIUM CARBONATE	497-19-8	Xi; R36	10 - 40 %
Sodium salt of palm fatty acid	67701-10-4		2 - 8 %
SODIUM CARBONATE PEROXIDE (Oxygen Bleaching Agent)	15630-89-4	Xn; R8, R22, R36, R38	10 - 20 %

3. HAZARDS IDENTIFICATION

This product is not classified as dangerous according to EU Directive 1999/45/EC.

EYE CONTACT:	Transient superficial irritation.
SKIN CONTACT:	Prolonged exposure may cause skin irritation.
INGESTION:	Possible mild gastro-intestinal irritation with nausea and vomiting.
INHALATION:	Inhaling of particles may cause mild irritation of the respiratory system.

4. FIRST AID MEASURES

EYE CONTACT:	Rinse thoroughly with plenty of water for several minutes. If symptoms persist, seek medical advice.
SKIN CONTACT:	Rinse affected area with water. If needed apply cold compress to relieve irritation. If symptoms persist, discontinue use of product and seek medical advice.
INGESTION:	Drink water to dilute product. Do not induce vomiting. Act immediately in order to prevent further irritation of mouth, throat and stomach mucosa. If symptoms persist, if persistent vomiting occurs or if blood tinged vomit is present, seek medical advice.
INHALATION:	Go into open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Particles adhering to the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES

Not explosive. Not auto-flammable. Not flammable.

The product itself will not burn. If anything, packaging may be involved in a fire. Use CO₂, dry chemical powders or alcohol resistant foam. If water is used, contain run-off.

6. ACCIDENTAL RELEASE MEASURES

Avoid spillage into sewers or surface water.

For large spills: scoop up product mechanically, ideally with vacuum cleaner and rework/dispose as per local legislation.

For small spills: product can be washed away with plenty of water.

7. HANDLING AND STORAGE

Store in a cool and dry area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Not a hazard in normal use. No personal protective equipment required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White powder with cream speckles.
ODOUR:	Unperfumed.
pH (10% AQUEOUS SOLUTION):	ca. 10.4.
RESERVE ALKALINITY:	n/a g NaOH/100g.
	Non flammable. Non-explosive. Non-Oxidizing.
RELATIVE DENSITY:	ca. 1100 g/l.
WATER SOLUBILITY:	High.

10. STABILITY AND REACTIVITY

Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

INGESTION:	Not acutely toxic; may cause vomiting. If large quantities are ingested, treat symptomatically. DO NOT INDUCE VOMITING! If irritant effects are seen, these will be mild to moderate, depending on exposure. Estimated acute oral toxicity: LD50 (rats) > 2g/kg.
EYE CONTACT:	Slightly irritating to eyes. If in contact with eyes, flushing with water is recommended.
SKIN CONTACT:	Slightly irritating to skin. Chronic toxicity: Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects. Contact sensitization: Does not provoke a sensitisation reaction.

12. ECOLOGICAL INFORMATION

The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route.

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

The surfactants used in the product are biodegradable in line with the requirements of EU Directives 73/404/EEC and 73/405/EEC and their subsequent amendments.

13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS:	Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.
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14. TRANSPORT INFORMATION

Not subject to ADR/IATA/IMDG codes.

15. REGULATORY INFORMATION

This product is not classified as dangerous according to EU Directive 1999/45/EC and national laws.

All substances in the preparation are registered in the EU.