

# SAFETY DATA SHEET

## Bestin Limescale Remover

### 1. Identification Of The Preparation And The Company

**Product Name:** Bestin Limescale Remover  
**Applications:** A solution for the removal of limescale  
**Supplier:** Lingard Products (UK) Limited  
33 Croft Street, Clayton, Manchester, M11 4RQ  
**Telephone Number:** (0161) 230 7418

### 2. Composition Information On Ingredients

Ingredient Name	CAS No.	Contents	Health (Class)	Risk & Safety
Phosphoric Acid	7664-38-2	5-15%	C	R34, S26
Sodium Chloride		5-15%		
Non-ionic Surfactant blend		< 5%		
Colour Form Blue		< 1%		
Perfume		< 1%		
Dye		< 1%		

### 3. Hazards Identification

Hazards to Human Health: Irritant

Signs & Symptoms:

Inhalation	Inhaling the product is not likely
Skin	Irritating to the skin
Eye	Irritating to the eyes
Ingestion	May cause nausea and irritation to the digestive tract
Physico-Chemical	None
Environmental Hazards	This preparation does not contain any materials classified as dangerous for the environment. On the basis of available information this product is not expected to produce any significant adverse environmental effects, when used as prescribed.

### 4. First Aid Measures

**Eyes:** Wash eye out with water for 15 minutes and seek medical advice if irritation persists  
**Skin:** Wash concentrate from skin with cold water  
**Inhalation:** Inhalation of this product is unlikely  
**Ingestion:** Do not induce vomiting. Drink plenty of water and seek medical advice

### 5. Physical & Chemical Properties

<b>Colour:</b>	Clear Green fluid
<b>Odour:</b>	Fragranced product (lime)
<b>Solubility Description:</b>	Fully Soluble in water in all proportions
<b>Specific Gravity:</b>	0.99-1.01 @20°C
<b>Melting Point:</b>	n/a
<b>Boiling Point:</b>	n/a
<b>pH:</b>	0.70-1.50

## 6. Disposal

Dispose According To Local Regulations

## 7. Fire Fighting Measures

<b>Extinguishing Media:</b>	Use Extinguishing Media Appropriate For Surrounding Fire
<b>Fire Fighting Procedures:</b>	No specific fire fighting procedures given.
<b>Special Hazards:</b>	Contact with some metals may liberate hydrogen
<b>Fire &amp; Explosive Hazards:</b>	No unusual fire or explosive hazards noted

## 8. Accidental Release Measures

<b>Spill Clean Up Methods:</b>	Absorb Spillage in an inert material and shovel up. Flush spill area with water.
<b>Personal Precautions:</b>	Wear protective clothing when dealing with spillage.
<b>Environmental Protection:</b>	No special requirements needed.

## 9. Ecological Information

<b>Biodegradability:</b>	No data available
<b>Acute Fish Toxicity:</b>	No data available

## 10. Handling & Storage

<b>Special Precautions:</b>	Avoid spilling, skin and eye contact. Do not mix with other chemicals. Wash thoroughly after use.
<b>Storage:</b>	Keep in cool, dry, ventilated storage and closed containers. Keep out of the reach of children. Keep from heat

## 11. Exposure Controls/Personal Protection

<b>Ventilation:</b>	Use only in well ventilated areas
<b>Respiratory:</b>	None noted
<b>Protective Gloves:</b>	The Wearing Of Gloves Is Advised
<b>Eye Protection:</b>	Wear Goggles

## 12. Toxicological Information

<b>Target Organs:</b>	Eyes, skin
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Estimated LD50 >2ml/Kg

### 13. Stability And Reactivity

**Stability:** Normally Stable In Closed Container  
**Conditions to Avoid:** May decompose on exposure to heat  
**Materials to avoid:** Reacts with Caustic to liberate heat. Reacts with some metals to produce hydrogen gas  
**Hazardous Decomposition Products:** Possibly phosphorous oxide on strong heating  
**Polymerisation Description:** Not relevant

### 14. Transport Information

No transport warning sign required

### 15. Regulatory Information

**Classification (88/379/EEC):** **Irritant**  
**Risk Phrases:** (R36/38) Irritating to eyes & skin  
**Safety Phrases:** (S1/2) Keep locked up and out of the reach of children  
(S24/25) Avoid contact with the skin and eyes  
(S26A) In case of contact with eyes, rinse immediately with plenty of water for at least 20 minutes and seek medical advice  
(S28A) After contact with skin, wash immediately with plenty of cold water for at least 20 minutes and seek medical advice  
(S62) If swallowed, do not induce vomiting: seek medical advice immediately and show this container

**UK Regulatory References:** Health & Safety At Work Act 1974  
Chemicals (Hazard Information & Packaging For Supply) Regulations 2002

**EU Directives:** Substances Directive 67/548/EEC As Amended By:  
69/81/EEC 70/189/EEC 75/409/EEC 79/831/EEC  
General Preparations Directive 88/379/EEC

**Codes Of Practice:** Safety Data Sheets For Substances & Preparations  
Dangerous For Supply

### 16. Other Information

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