

HEALTH & SAFETY DATA SHEET

1. IDENTIFICATION

Supplier: THE PARAMOUNT GROUP
Units I44G Lydney Industrial Estate
Harbour Road
Lydney
Glos
GL15 4EJ

Tel: 01594 842688
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Product name: TOTAL

Product description: General disinfectant which kills harmful micro-organisms

2. COMPOSITION

Hazardous Ingredients:	CAS no:	% w.w(Range)	Nature of Hazard
Sodium Hypochlorite	7681-52-9	5-10	Corrosive
Sodium Hydroxide	1310-73-2	1 – 5	Corrosive

3. HAZARDS IDENTIFICATION

Product is classed as irritant under CHIP Regulations 2002

Risk phrases: 34 : Causes burns
36/38 : Irritating to skin and eyes

4. FIRST AID MEASURES

Eyes: Rinse well with large quantities of clean water. Seek medical attention.
Skin: Wash affected area with soap and water. Seek medical attention.
Ingestion: DO NOT INDUCE VOMITING. Give water or milk and seek medical attention.
Inhalation: Remove to fresh air and seek medical attention.

5. FIRE HAZARD AND FIRE FIGHTING PROCEDURES

No fire hazard known.

6. ACCIDENTAL RELEASE MEASURES

Absorb with inert absorbent and dispose of in accordance with local authority regulations. Wear protective overalls, safety goggles and chemical resistant gloves. Do not allow large quantities to enter drains.

7. HANDLING AND STORAGE

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store below 5°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Rubber gloves and protective clothing are recommended if skin contact is likely.
2. Eye goggles are recommended to avoid contact with eyes.
3. Always maintain a good standard of occupational hygiene when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance	Clear pale yellow liquid
9.2 Odour	Characteristic hypochlorite
9.3 pH	12.4
9.4 Density (@20°C)	Not known
9.5 Flash Point	Non Flammable
9.6 Solubility in Water	Water soluble

10. STABILITY AND REACTIVITY DATA

Product is stable under normal conditions. Avoid extremes of temperature, soft metals, exposure to water or moisture. Gives off highly flammable hydrogen gas when in contact with aluminium or zinc. DO NOT MIX WITH CONCENTRATED MINERAL ACIDS.

11. TOXICOLOGICAL INFORMATION

No significant health hazard when properly used for the application it was designed for:

Effects due to overexposure when:

In contact with eyes:	Very irritating
In contact with skin:	Irritation. May cause blistering
Ingested:	Irritating to the mouth and alimentary tract
Inhaled:	Irritating to nose, throat and respiratory tract

12. ECOLOGICAL INFORMATION

Product rapidly degrades to sodium chloride by chemical reaction with organic matter in effluent. Toxic to aquatic organisms 1ppm available chlorine is lethal to fish

13. DISPOSAL CONSIDERATIONS

As per local authority regulations.

14. TRANSPORT INFORMATION

UN No : 1791
Road & Rail Transport Class 8 Item 61 C

15. REGULATORY INFORMATION

Product is classed as irritant under CHIP Regulations 2002

Risks phrases:	34	: Causes burns
	36/38	: Irritating to eyes and skin
Safety phrases:	2	: Keep out of the reach of children
	24/25	: Avoid contact with skin and eyes
	26	: In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
	28	: After contact with skin, wash immediately with plenty of water
	37	: Wear suitable protective clothing and gloves
	46	: If swallowed seek medical advice immediately and show container label

16. OTHER INFORMATION

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet is given as a guide to the precautions required to maintain a safe work environment.