

Sodium Hypochlorite

Sample assessment prepared in accordance with the COSHH Regulations 2002

Company	Bright Clean Services Ltd (Sample)
Assessor	Jane Smith
Date Prepared	Sample document
Risk Rating	Medium

Substance Details & Hazard Classification

Substance	Sodium Hypochlorite	CAS Number	7681-52-9
Common Names	Bleach, Domestos, Thick Bleach		
Physical Form	Liquid	Supplier	As per product SDS

GHS Hazard Pictograms



Workplace Exposure Limits, HSE EH40/2005

Limit Type	ppm	mg/m ³
Long-term (8-hr TWA)	Not established	Not established
Short-term (15-min STEL)	—	—

Health Effects

Burning sensation in mouth/throat if ingested. Skin and eye irritation to severe burns. Mixing with acid-based products releases toxic chlorine gas; mixing with ammonia releases toxic chloramines.

Risk Evaluation & Controls

OVERALL RISK RATING

Medium

Required Control Measures

- Use ready-diluted product where possible
- Ensure adequate ventilation when in use
- NEVER mix with other chemicals, especially acids or ammonia
- Store in original container, cool well-ventilated area
- Label and lock storage area

Required PPE

- Nitrile gloves
- Eye protection (splash goggles)
- Apron for concentrated/bulk handling

Storage & Disposal

Store in a cool, well-ventilated area away from direct sunlight. Keep in original container tightly closed. Store separately from acids, ammonia products, and flammable materials.

Emergency Procedures

In case of exposure or accident:

Skin Contact: Remove contaminated clothing, rinse thoroughly with water. Seek medical attention if irritation persists.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation: Move to fresh air. Seek medical attention if breathing difficulties occur.

Ingestion: Do not induce vomiting. Rinse mouth. Get medical attention immediately.

Emergency: UK emergency: **999**. Medical advice: **NHS 111**. Poisons info: TOXBASE.

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