
MATERIAL SAFETY DATA SHEET

PRODUCT: BEST IN CITRUS, WITH LIMESCALE DETERRENT, THICK BLEACH

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Ref: MSTKBLBIC

Created: 16/04/03

Revision:

1. **PRODUCT NAME:** BEST IN CITRUS, WITH LIMESCALE DETERRENT, THICK BLEACH

Description: Sodium Hypochlorite liquor containing surface active agents

2. **COMPOSITION**

Hazardous ingredient	Cas No.	EC No.	%	Symbols	R Phrases
Sodium Hydroxide	1310-73-2	215-185-5	0.7	Xi	36/38
Sodium Hypochlorite	7681-52-9	231-668-3	3.25**		31

** As Available Chlorine

3. **HAZARD IDENTIFICATION**

* Irritating to eyes and skin (R36/38)

* Contact with acids liberates toxic gas (R31)

4. **FIRST AID MEASURES**

CONTACT WITH SKIN

* Take off immediately all contaminated clothing (S27)

* After contact with skin, wash immediately with plenty of water (S28)

CONTACT WITH EYES

* In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

INGESTION

* If swallowed, seek medical advice immediately and show container or label (S46)

INHALATION

* Unlikely to occur

OTHER INFORMATION

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5. FIRE FIGHTING MEASURES

- * Non flammable
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6. ACCIDENTAL RELEASE MEASURES

- * Avoid contact with the product
 - * Small spillages - Wash the spillage area with water
 - * Large spillages -
 - Wear suitable protective clothing, gloves and eye/face protection (S36/37/39)
 - Use appropriate containment to avoid environmental contamination (S57)
 - Absorb spillage in earth or sand and dispose of in accordance with waste disposal and water authority regulations
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7.1. HANDLING

- * Avoid contact with skin and eyes (S24/25)
 - * Keep only in the original container (S49)
 - * Do not mix with other products. May release dangerous gases (Chlorine) (S50)
-

7.2. STORAGE

- * Keep in a cool place (S3)
 - * Keep out of reach of children (S2)
 - * Store container upright
-

8. PERSONAL PROTECTION

- * Not required in normal use
 - * Should a large spillage occur, protective clothing/gloves/eye protection should be worn
-

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance: Pale yellow, viscous liquid

Odour: Citrus

pH (neat): >11

Solubility (water): Miscible

Relative density: 1.075 approx @ 20C

Viscosity: 200 cps @ 20C

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10. STABILITY/REACTIVITY

- * Keep away from heat
 - * Reacts with acids to evolve toxic gas (Chlorine)
 - * Thermal decomposition will evolve toxic gas (Chlorine)
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11. TOXICOLOGICAL INFORMATION

- * Irritating to eyes and skin (R36/38)
 - * Gas produced under acidic conditions or by thermal decomposition (Chlorine) is toxic by inhalation
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12. ECOLOGICAL INFORMATION

- * 1 ppm available chlorine is toxic to all fish
 - * The bleach ingredients are rapidly broken down after use
 - * The surface active agents are biodegradable and break down rapidly by natural processes
-

13. DISPOSAL CONSIDERATIONS

- * Disposal should be in accordance with regional or national legislation
-

14. TRANSPORT INFORMATION

- * Not regulated for transport
-

15. REGULATORY INFORMATION

Supply label details:

Supply classification: Xi irritant

Hazard pictogram: St Andrews cross

Risk phrase codes: 36/38 31

Safety phrase codes: 24/25 50

16. OTHER INFORMATION