



PRODUCT INFORMATION SHEET

BLEACH

PRODUCT INFORMATION:

Multi-use solution recommended for the removal of stains from crockery or white clothing, may also be used for bleaching & deodorizing work surfaces, sinks, walls, floors, toilets, drains etc. Not suitable for use on metals, painted or varnished surfaces.

ADVANTAGES:

POWERFUL BLEACHING:	Contains sodium hypochlorite, a proven & powerful bleaching agent to whiten crockery & white garments.
DEODORISES:	Bleach quickly clears offensive odours.
NON-FOAMING:	This aspect of Bleach makes it particularly suitable for in place bleaching applications.
EASILY RINSED LEAVING NO STREAKS OR SMEARS:	Bleach rinses off to leave a clean residue free surface.
BIODEGRADABLE:	Fully biodegradable.
SOLUBILITY:	100% soluble in water.

DIRECTIONS FOR USE:

Dilute up to 1:20 with water & apply liberally to the area to be bleached, allow a minimum of 5 minutes contact time before rinsing with water. Do not mix with other cleaning materials.

HEALTH AND SAFETY: See Safety Data Sheet.

PACKAGING:

All our plastic drums are high molecular weight; high-density polyethylene designed to bring the product to the customer in perfect conditions.
Size: 5 Lt. Drums

QUALITY ASSURANCE:

This product is manufactured in Ireland to ISO 9001 quality standards & conforms to R.E.A.C.H & CLP regulations. Shelf life: Not less than 1 year.

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PRODUCT NAME: BLEACH

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name: BLEACH
Product No.: BR 408
Other means of identification: UFI: W141-D00D-V00F-Q3S2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Bleaching Agent - For professional use only

1.3. Details of the supplier of the safety data sheet

Supplier: Fastdeal Ltd t/a Cleanfast
Ashleigh House, JFK Road, Dublin D12VE06
Tel: +35314440146 / 1800848700
Email: info@cleanfast.ie

1.4. Emergency Contact:

National Poisons Information Centre, Beaumont Hospital,
Beaumont Road, Dublin 9. Tel: +353(01)8092566 (8am-10pm)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification: (Regulation (EC) No 1272/2008): H314, EUH031
Human health: Causes severe skin burns and eye damage.
Environment: The product contains a substance which is very toxic to aquatic organisms

2.2. Label elements

Detergent Labelling: Contains: Sodium Hypochlorite



DANGER

Hazard Phrases: H314 Causes severe skin burns and eye damage
EUH031 Contact with acids liberates toxic gas
H400 Very toxic to aquatic life

Precautionary Statements: P405 & 102 Store locked up. Keep out of the reach of children
P260 Do not breathe vapours or spray mists
P262 Do not get in eyes, on skin or on clothing
P264 Wash hands thoroughly after handling
P280 Wear protective gloves, clothing, eye & face protection
P301 & 310 IF SWALLOWED: Rinse out mouth immediately with water. Immediately call a poison centre or doctor/physician.

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- P302 IF ON SKIN: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists
- P304 IF INHALED: Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues.
- P305 & 310 IF IN EYES: Flush eyes with water, remove contact lenses if present & continue rinsing. Immediately call a poison centre or doctor/physician.

2.3. Other hazards: N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SODIUM HYPOCHLORITE SOLUTION. % Cl ACTIVE	1-5%
CAS-No.: 7681-52-9	EC No.: 231-668-3
REACH registration number:	01-2119488154-34-xxxx

Classification (EC 1272/2008)

EUH031

Skin Corr. 1B - H314

Aquatic Acute 1 - H400

A Full Text for all Hazard Statements are Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

- Inhalation: Remove immediately from source to fresh air. Obtain medical attention if any discomfort continues.
- Skin Contact: Remove contaminated clothing & rinse skin thoroughly with soap & water. Obtain medical attention if irritation persists.
- Eye Contact: Flush eyes with water immediately. Obtain medical attention if irritation persists.
- Ingestion: Rinse out mouth immediately with water. DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.
- Protection of first aider: Avoid contact with skin and eyes (see Section 8.)

4.2. Most important symptoms and effects, both acute and delayed

- Inhalation: Irritation of nose, throat and airway
- Ingestion: May cause discomfort if swallowed. May cause pain or vomiting
- Skin contact: Contact with skin causes burns and/or redness & irritation.
- Eye contact: Damaging to eyes. Contact may cause severe burning, redness &/or tearing.

4.3. Indication of any immediate medical attention and special treatment needed

The severity of the symptoms described will vary depending on the concentration and the length of exposure.

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SECTION 5: FIRE FIGHTING MEASURES

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| 5.1 | Suitable Extinguishing Media: | The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials. |
| 5.2 | Unsuitable: | N/A |
| 5.3 | Specific Hazards: | During fire, toxic gases (CO, CO ₂) are formed. Chlorine gas. |
| 5.4 | Special Equipment for the protection of Fire Fighters: | Avoid fumes. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | | |
|-----|----------------------------|--|
| 6.1 | Personal Precautions: | Wear protective clothing as described in Section 8 of this safety data sheet |
| 6.2 | Environmental Precautions: | Avoid discharge to the aquatic environment. |
| 6.3 | Methods for Cleaning up: | Small Spills - Flush with water.
Large Spills - Contain and collect spillage and absorb on to sand. |

SECTION 7: HANDLING AND STORAGE

7.1 Handling

Technical Measures:

No special measures required.

Safe Handling Advice:

Avoid contact with skin & eyes. Comply with instructions for use.

7.2 Storage

Technical Measures:

No special measures required.

Storage Conditions:

Store in a cool dry place.

Incompatible Products:

Acids, Strong Oxidizing Agents.

Packaging:

Plastic Drums.

Packaging Materials:

Recommended: Plastic Materials, Polyethylene, Polypropylene
Not Suitable - Uncoated Metal Drums

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- | | | |
|-----|--------------------------------|-------------------------------|
| 8.1 | Engineering Measures: | No special measures required. |
| 8.2 | Personal Protection Equipment: | |



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Respiratory Protection: Provide adequate ventilation in areas of confined space.
Hand Protection: Use Chemical Resistant Gloves to EN Standard 374
Eye Protection: Use Chemical Resistant Gloves to EN Standard 374 Level 1, Letter Code K. Thickness of glove material: 0.7mm.
Breakthrough time (maximum wear duration) >480 mins
Skin Protection: Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher

8.3 Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices.

8.4 Occupational Exposure Limits: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Physical state:	Liquid.
b) Odour/Odour threshold	Chlorine
c) Colour	Yellow / green
d) pH:	11.8 (undiluted)
e) Melting point / freezing point:	N/A
f) Initial boiling point & boiling range:	N/A
g) Flash point:	N/A
h) Evaporation rate:	N/A
i) Flammability solid, gas):	N/A
j) Upper/lower flammability or explosive limits:	N/A
k) Vapour pressure:	N/A
l) Vapour density:	N/A
m) Relative density:	1.02kg/dm ³
n) Solubility(ies):	Soluble in Water
o) Partition coefficient: n-octanol/water:	N/A
p) Particle characteristics	N/A
q) Auto-ignition temperature:	N/A
r) Decomposition temperature:	N/A
s) Viscosity:	N/A
t) Explosive properties:	N/A
u) Oxidising properties:	No data available

9.2.1 Additional information

Physical Hazard Class	N/A
Properties	N/A
Safety Characteristics	N/A

9.2.2 Other Safety Characteristics

Mechanical Sensitivity	N/A
Acid/Alkaline Reserve	N/A
Conductivity/Redox Potential	N/A

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SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity: There are no known reactivity hazards associated with this product.
- 10.2. Chemical stability: Stable under normal temperature conditions and recommended use.
- 10.3. Possibility of hazardous reactions: Hazardous Polymerisation
- 10.4. Conditions to avoid: Avoid Extreme Temperatures. Avoid contact with acids &/or oxidising agents.
- 10.5. Incompatible materials: Acids &/or oxidizing agents
- 10.6. Hazardous decomposition products: None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on Hazard Classes as defined in regulation (EC) No 1272/2008: N/A
- 11.2 Information on other Hazard Classes which related to endocrine disrupting properties as determined by the aforementioned regulations. N/A

11.3. Information on toxicological effects:

- Inhalation: Irritation of nose, throat and airway
- Ingestion: May cause discomfort if swallowed. May cause pain or vomiting
- Skin contact: Contact with skin causes burns and/or redness & irritation.
- Eye contact: Damaging to eyes. Contact may cause severe burning, redness &/or tearing.

11.4 Toxicological information on ingredients

SODIUM HYPOCHLORITE SOLUTION. % CI ACTIVE (CAS: 7681-52-9)

Acute toxicity:

- Acute Toxicity (Oral LD50)
1100 mg/kg Rat
- Acute Toxicity (Dermal LD50)
> 20000 mg/kg Rabbit
- Acute Toxicity (Inhalation LC50)
> 10.5 mg/l (vapours) Rat 1 hour
- REACH dossier information

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity

This product is Readily Biodegradable but is toxic to aquatic life

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12.1. Toxicity

Ecological information on ingredients:

SODIUM HYPOCHLORITE SOLUTION. % Cl ACTIVE (CAS: 7681-52-9)

Acute Toxicity - Fish

LC50 96 hours > .023 mg/l Pink salmon

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 35 µg/L Ceriodaphnia dubia

NOEC 48 hours 25 µg/L Ceriodaphnia dubia

Acute Toxicity - Aquatic Plants

EC50 96 hours ~ 0.01 mg/l Myriophyllum spicatum

NOEC 96 hours 0.02 mg/l Myriophyllum spicatum

REACH dossier information

12.2. Persistence and degradability

Degradability: The substances contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bio-accumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility: The product is soluble in water.

12.6. Endocrine Disruptor Properties

None

12.7 Other Adverse Effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

General information: Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority

13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

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SECTION 14: TRANSPORT INFORMATION

REGULATIONS

RID/ADR:

ICAO/IATA-DGR:

GGVSee/IMDG-Code:

CLASS

8

8 Corrosive

8

14.1. UN number:

1791

14.2. UN proper shipping name:

SODIUM HYPOCHLORITE SOLUTION

14.3. Transport hazard class(es):

8

14.4. Packing Group:

III

14.5. Environmental Hazards:

Environmentally Hazardous Substance/
Marine Pollutant

14.6. Special precautions for user:

NA

14.7. Transport in bulk according to

Annex II of MARPOL73/78 and the

IBC Code:

N/A

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)

Regulation (EC) No 1272/2008 of the European Parliament & of the Council of 16 December 2008 on classification, labelling & packaging of substances & mixtures (as amended)

Regulation (EC) No 648/2004 of the European Parliament & of the Council of 31 March 2004 on detergents (as amended)

Commission Regulation (EU) 2020/878 of 18 June 2020

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

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SECTION 16: OTHER INFORMATION

Revision Comments

Re-issued according to Regulation (EU) No 2020/878

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Revision No: 5

Replaces version of: 01.01.17

Hazard Statements In Full

H314 Causes severe skin burns and eye damage

EUH031 Contact with acids liberates toxic gas

H400 Very toxic to aquatic life

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.
