

CLEENOL

For a cleaner, safer world

SAFETY DATA SHEET DEEP FAT FRYER POWDER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	DEEP FAT FRYER POWDER
Internal identification	031162
Container size	2.5kg

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

Identified uses	Detergent powder for cleaning utensils, baking trays and machine components.
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1.3. Details of the supplier of the safety data sheet

Supplier	Cleenol Group Ltd Neville House Beaumont Road Banbury Oxon OX16 1RB UK Tel: +44 (0)1295 251721 sales@cleenol.co.uk
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1.4. Emergency telephone number

Emergency telephone	In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Corr. 1A - H314 Eye Dam. 1 - H318
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.

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Precautionary statements	P260 Do not breathe dust. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P363 Wash contaminated clothing before reuse.
Contains	SODIUM HYDROXIDE
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310 Immediately call a POISON CENTER/ doctor. P321 Specific treatment (see medical advice on this label). P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM HYDROXIDE	60-100%
CAS number: 1310-73-2	EC number: 215-185-5
	REACH registration number: 01-2119457892-27-XXXX
Classification Skin Corr. 1A - H314 Eye Dam. 1 - H318	
SODIUM CARBONATE	5-10%
CAS number: 497-19-8	EC number: 207-838-8
Classification Eye Irrit. 2 - H319	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Keep affected person under observation. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting. Get medical attention.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Rinse mouth thoroughly with water. Get medical attention if symptoms are severe or persist after washing. Give a few small glasses of water or milk to drink. Do not induce vomiting. Get medical attention.
Eye contact	Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if irritation persists after washing.

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

Inhalation	The product is considered to be a low hazard under normal conditions of use. Dust in high concentrations may irritate the respiratory system.
Ingestion	Corrosive. May cause chemical burns in mouth and throat.
Skin contact	Causes severe burns.
Eye contact	Causes serious eye damage.

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

Notes for the doctor	No specific recommendations.
Specific treatments	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Acrid smoke or fumes.
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5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid inhalation of dust and contact with skin and eyes.
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6.2. Environmental precautions

Environmental precautions	Avoid release to the environment. Avoid contamination of ponds or watercourses with washing down water.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Avoid generation and spreading of dust. Collect spillage with a shovel and broom, or similar and reuse, if possible. Flush contaminated area with plenty of water.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	For professional users only. Avoid contact with skin, eyes and clothing. Avoid generation and spreading of dust.
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Advice on general occupational hygiene

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep only in the original container. Keep container tightly sealed when not in use. Store at temperatures between 0°C and 40°C.

Storage class

Chemical storage. Corrosive storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Wear protective gloves made of the following material: Rubber (natural, latex). Nitrile rubber. Wear protective gauntlets made of the following material: Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

No specific requirements are anticipated under normal conditions of use. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Powder. Granules.

Colour

White.

Odour

Odourless.

pH

pH (diluted solution): >13 @ 1% solution

Melting point

>300°C

Initial boiling point and range

>1300°C

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Flash point	Not applicable.
Solubility(ies)	Soluble in water.
Auto-ignition temperature	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The reactivity data for this product will be typical of those for the following class of materials: Alkalis - inorganic.
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10.2. Chemical stability

Stability	Stable when stored in a dry place.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
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10.4. Conditions to avoid

Conditions to avoid	Avoid contact with acids.
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10.5. Incompatible materials

Materials to avoid	Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Information given is based on data of the components and of similar products.
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Skin corrosion/irritation

Skin corrosion/irritation	Causes severe burns.
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Extreme pH	≥ 11.5
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Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.
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Inhalation	The product is considered to be a low hazard under normal conditions of use. Dust in high concentrations may irritate the respiratory system.
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Ingestion	Corrosive. May cause chemical burns in mouth and throat.
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Skin contact	Causes severe burns.
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Eye contact	Causes serious eye damage.
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Route of exposure	Skin and/or eye contact
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SECTION 12: Ecological information

Ecotoxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1. Toxicity

Toxicity The product is not believed to present a hazard due to its physical nature.

12.2. Persistence and degradability

Persistence and degradability The product contains inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1759

UN No. (IMDG) 1759

UN No. (ICAO) 1759

UN No. (ADN) 1759

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE SOLID, N.O.S. (SODIUM HYDROXIDE)

Proper shipping name (IMDG) CORROSIVE SOLID, N.O.S. (SODIUM HYDROXIDE)

Proper shipping name (ICAO) CORROSIVE SOLID, N.O.S. (SODIUM HYDROXIDE)

Proper shipping name (ADN) CORROSIVE SOLID, N.O.S. (SODIUM HYDROXIDE)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C10

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ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).
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Guidance

EH40/2005 Workplace exposure limits
Containing the list of workplace exposure limits for use with the Control of Substances
Hazardous to Health Regulations 2002 (as amended)
Health and Safety Executive

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Regulatory Chemist
Revision date	15/09/2021
Revision	2
Supersedes date	23/09/2020
SDS number	21334
Hazard statements in full	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.