Carb'n off environmental

ASK ITALIAN

Carb'n-Off Limited.
Unit 22 Anglo Trade Park, Fishponds Road,
Wokingham, Berks, RG41 2AN

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E: compliance@carbn-off.co.uk

W: carbn-off.co.uk

BESA BUILDING ENGINEERING SERVICES ASSOCIATION

CHAS Accredited Contractor

Environment Agency

RSQS

SafeContractor

PREFACE

Site Name	Ask Italian
Site Location	Cheltenham
Site Number	167
Order Number	16749
Job Start Date	21/09/2023

Client	Ask Italian
Client Contact	RNW

Carb'n-Off Account Manager	Lucy Tomlinson
Job Team Leader	Piotr Kwiatkowski

SCHEMATIC DIAGRAM

Key:

Ductwork section has been cleaned

Ductwork section has not been cleaned

Ductwork section currently inaccessible and has therefore not been cleaned

Existing builders hatch

New proposed builders hatch

Turning vanes

Existing access door

New proposed access door

Access door is blocked/inaccessible

Silencer/attenuator

Filter/electrostatic precipitator

Fan unit has been cleaned

Fan unit has not been cleaned

Riser has been cleaned

Riser has not been cleaned

Discharge

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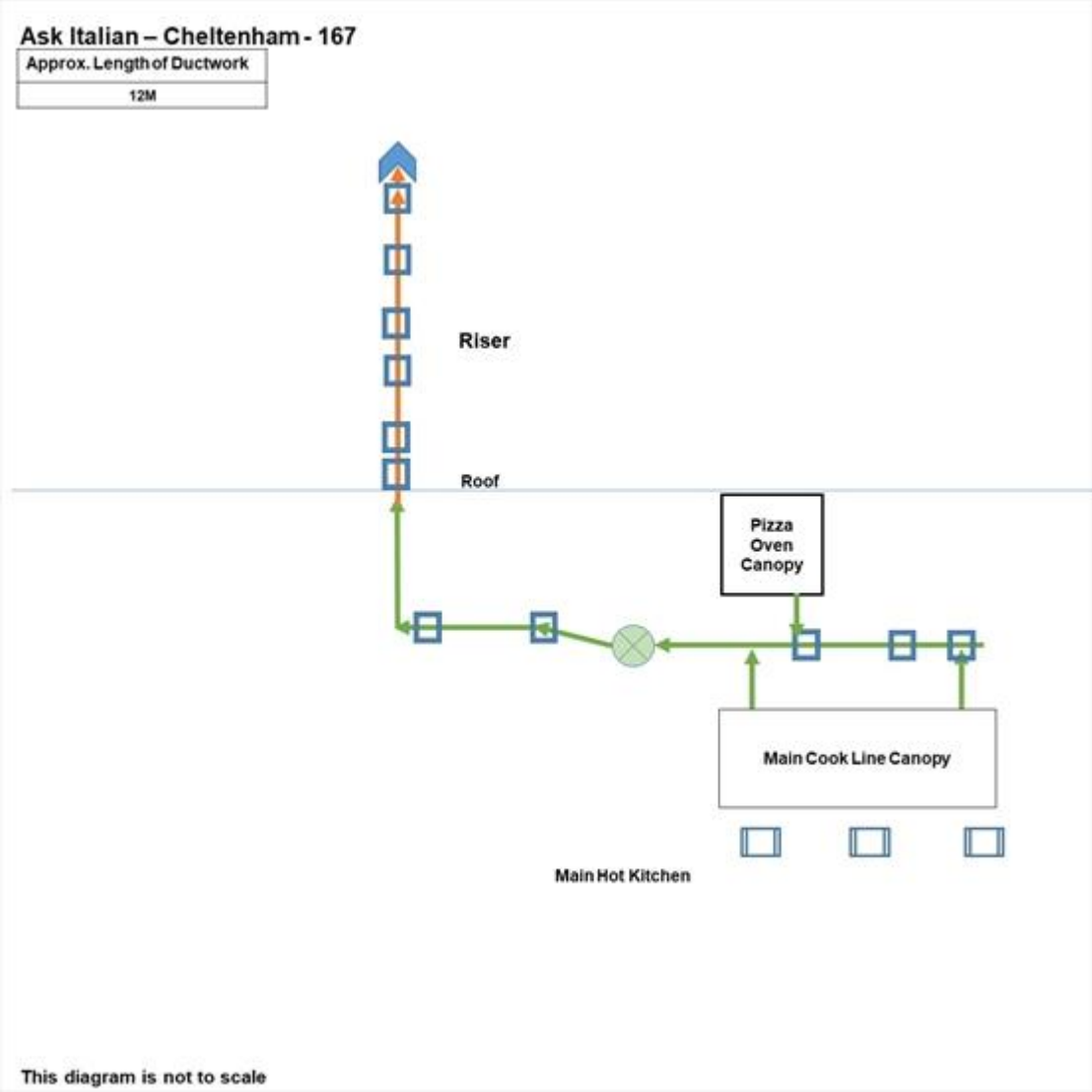
Ask Italian – Cheltenham - 167
Approx. Length of Ductwork
12M
Riser
Roof
Pizza Oven Canopy
Main Cook Line Canopy
Main Hot Kitchen
This diagram is not to scale

PHOTOGRAPHIC EVIDENCE

System Identification: Extract - Kitchen

Location: Ask Italian - Cheltenham

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Baffle Filters

Pre-Clean

Post-Clean

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Canopy Plenum

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Post-Clean

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Canopy Plenum

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Ductwork

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Post-Clean

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Ductwork

Pre-Clean

Post-Clean

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Ductwork

Pre-Clean

Post-Clean

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Fan Unit

Pre-Clean

Post-Clean

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Fan Unit

Pre-Clean

Post-Clean

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RECOMMENDATIONS

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Pest Infestation

We have not cleaned the roof section on the clean, due to some dead and live pigeons in the loft space. We recommend this issue get addressed before the next clean so we can access the ductwork to clean it in full.

ADDITIONAL INFORMATION

Pre agreement with a client of a specific section or area that is not to be cleaned - this is not applicable for this site. This system will be cleaned in its entirety, where access permits.

COMPLIANCE DATA

Controlling deposits and monitoring their build up is essential to maintain hygiene standards and reduce fire risks in grease extract ventilation systems and should be considered a vital aspect of any ventilation system cleaning programme.

A visual assessment is the main method to verify the cleanliness of an extract system. The surface of the system should be visually clean. Once a visual assessment has taken place, Wet Film Thickness Testing further confirms the cleanliness that has been achieved post clean.

Wet Film Thickness Testing (WFTT) is a technique that is used to accurately assess the level of deposit build up within ventilation ductwork. This testing provides a reliable and quantitative way of measuring the degree of cleanliness of ductwork, which in turn will help to determine when and how frequently cleaning is required in order to keep your ventilation system compliant.

Waste gathered on site will be removed from site for correct disposal

Measurement	Recommended Action
200 µm as a mean across the system	Complete cleaning required
Any single measurement above 500 µm	Urgent local cleaning required

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Clean Frequency Calculator

Perceived level of grease production	Typical example	Cleaning intervals (months) Daily usage			
		Up to 6 hours	6-12 hours	12-16 hours	16+ hours
Low	No significant production of grease laden aerosols during normal daily food production operations	12	12	6	6
Medium	Moderate production of grease laden aerosols during normal daily food production operations	12	6	4	3
High	Heavy, significant or continual production of grease laden aerosols during normal daily food production operations	6	3	3	2

Average daily grease accumulation to determine frequency of clean

Frequency of Control Clean	Daily Micron Average Accumulation Range
Twice weekly	28.7 upwards
Weekly cleaning	14.4 to 28.6
Every 2 weeks	9.6 to 14.3
Every 3 weeks	6.7 to 9.5
Monthly	4.8 to 6.6
Every 6 weeks	3.3 to 4.7
Every 2 months	2.2 to 3.2
Quarterly	1.7 to 2.1
Every 4 months	1.1 to 1.6
Every 6 months	0.6 to 1.0
Annually	0.5 or LESS

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Ductwork Condition Grease Measurement in Microns		
Test Location	**Pre-Clean**	**Post-Clean**
Canopy/extract plenum (WFTT 1)	>200 µm	<50 µm
Duct 1 metre from canopy (WFTT 2)	>200 µm	<50 µm
Duct 3 metres from canopy (WFTT 3)	>200 µm	<50 µm
Duct midway between canopy & fan (WFTT 4)	>200 µm	<50 µm
Fan (WFTT 5)	>200 µm	<50 µm
Duct upstream of fan (WFTT 6)	Unknown	Unknown
Duct downstream of fan (WFTT 7)	Unknown	Unknown
Total Mean Average	**>200 µm**	**<50 µm**

Clean Summary	
Has the system been cleaned in its entirety	NO
Approximate percentage of system cleaned	**80%**
Current cleaning frequency	4 Months
Recommended cleaning frequency	**4 Months**

CERTIFICATE OF COMPLETION

Certificate Number	13736
Site Name	Ask Italian
Site Location	Cheltenham
Site Number	167
Order Number	16749
Completion Date	21/09/2023
Recommend Next Clean Due Before	31/01/2024
System Identification(s)	Extract - Kitchen
Items Comprising	Canopy, grease filters, associated ductwork, fan unit and ancillary system components

This is to certify that the kitchen grease extract ventilation systems identified above were cleaned, where access permits, in accordance with the guidelines provided by the Building Engineering Services Association (BESA) Fire Risk Management of Grease Accumulation within Kitchen Extraction Systems TR19® Grease – First Edition 2019.

Signed on behalf of Carb'n-Off Limited: .....

(authorised signatory)

Paul Page

(print name)

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SAFETY DATA SHEET
ULTRACLEAN DEGREASER

Compilation date: 22.03.10

Revision date: 08.02.19

Revision No: 5

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

1.1. Product identifier

Product name: ULTRACLEAN DEGREASER

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name: Performance Chemicals Ltd
Fishers Way
Belvedere
Kent
DA17 6BS
United Kingdom
Tel: 0208 320 3350
Fax: 0208 320 3351
Email: john@performance-chemicals.net

1.4. Emergency telephone number

Emergency tel: 07967-745174

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1A: H314
Most important adverse effects: Causes severe skin burns and eye damage.

2.2. Label elements

Label elements:
Hazard statements: H314: Causes severe skin burns and eye damage.

Hazard pictograms: GHS05: Corrosion

Signal words: Danger

Precautionary statements: P264: Wash hands thoroughly after handling.

P501: Dispose of contents/container to a licensed waste contractor.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P321: Specific treatment (see information on this label)

P405: Store locked up.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

POTASSIUM HYDROXIDE FLAKE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-181-3	1310-58-3	-	Acute Tox. 4: H302; Skin Corr. 1A: H314	10-30%

COCOIMINOGLYCINATE

-	97659-51-3	-	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%

SODIUM ALKYLAMINE CARBOXYLATE

290-476-8	90170-43-7	-	Eye Irrit. 2: H319	1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Wash off skin thoroughly with soap and water. Seek Medical Attention

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Seek Medical Attention

Ingestion: Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Seek Medical Attention.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position.

If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Get Medical Attention Immediately

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

Skin contact: Irritation or pain may occur at the site of contact. Blistering may occur. Severe burns may occur.

Eye contact: There may be irritation and redness. The eyes may water profusely. Corneal burns may occur.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness.

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a suitable container. Wash down the drain with large amounts of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC35: Washing and cleaning products (including solvent based products).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

POTASSIUM HYDROXIDE FLAKE

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	2 mg/m3	-	-

DNEL/PNEC Values

DNEL / PNEC No data available

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls.

Hand protection: Gloves (alkali-resistant).

Eye protection: Safety goggles. Face-shield. Ensure eye bath is to hand

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC. PVC apron covering the tops of the boots. Ensure safety shower is to hand.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid		
Colour:	Red		
Odour:	Perceptible odour		
Evaporation rate:	Negligible		
Oxidising:	Non-oxidising (by EC criteria)		
Solubility in water:	Miscible		
Viscosity:	Non-viscous		
Boiling point/range°C	>100	**Melting point/range °C:**	No data available
Flammability limits %: lower:	Not applicable	**upper:**	Not applicable
Flash point °C	Not applicable	**Part.coeff. n-octanol/water:**	No data available
Autoflammability°C	Not applicable	**Vapour pressure:**	No data available
Relative density:	1.14		
		pH:	>13
VOC g/l:	Not applicable		

9.2. Other information

Other information: No data available

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions

10.2. Chemical stability

Chemical stability: Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions

10.4. Conditions to avoid

Conditions to avoid: Exposure to frost or high temperatues.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Product decomposes at high temperatures producing harmful vapours.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SODIUM ALKYLAMINE CARBOXYLATE

ORL	RAT	LD50	>5000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Irritation or pain may occur at the site of contact. Blistering may occur. Severe burns may occur.
Eye contact: There may be irritation and redness. The eyes may water profusely. Corneal burns may occur.
Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting.
Inhalation: There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. There may be loss of consciousness.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available

12.2. Persistence and degradability

Persistence and degradability: Biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential: Not expected to bioaccumulate

12.4. Mobility in soil

Mobility: Soluble in water

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance

12.6. Other adverse effects

Other adverse effects: May be harmful to aquatic species in high concentrations

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery operations: Regeneration of acids or bases.
Waste code number: 20 01 15
Disposal of packaging: Arrange for collection by specialised disposal company.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number
UN number: UN1814

14.2. UN proper shipping name
Shipping name: POTASSIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)
Transport class: 8

14.4. Packing group
Packing group: III

14.5. Environmental hazards
Environmentally hazardous: No Marine pollutant: No

14.6. Special precautions for user
Special precautions: No special precautions
Tunnel code: E
Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Specific regulations: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Control of Substances Hazardous to Health Regulations 2002 (COSHH). For use only by suitably trained individuals.

15.2. Chemical Safety Assessment
Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information
Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.
This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.
This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Phrases used in s.2 and s.3:
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.