

**SAFETY DATA SHEET****Kitchen Cleaner****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Kitchen Cleaner
Internal identification F13V1

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

Identified uses Degreasing and cleaning hard kitchen surfaces and cookware.

1.3. Details of the supplier of the safety data sheet

Supplier The London Oil Refining Company Ltd
Astonish House
Unit 1 Premier Point
Staithgate Lane
Bradford BD6 1DW
(01274) 767440 (office hours only)
(01274) 726285
www.astonishcleaners.com
Contact person info@astonish.co.uk

1.4. Emergency telephone number

Emergency telephone (01274) 767440 (office hours only)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

Health hazards

Eye Irrit. 2 - H319

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi; R36

2.2. Label elements**Pictogram**

Signal word Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

Kitchen Cleaner

P264 Wash contaminated skin thoroughly after handling.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear eye protection.

Detergent labelling

< 5% amphoteric surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% perfumes

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Butyl Diglycol		1-5%
CAS number: 112-34-5 EC number: 203-961-6		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Eye Irrit. 2 - H319	Xi; R36	
Undecanol, branched and linear, ethoxylated (>5-15 EO)		1-5%
CAS number: 127036-24-2 EC number: 931-721-7		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn; R22. Xi; R41	
Eye Dam. 1 - H318		
Cocamine Oxide		<1%
CAS number: 308062-28-4 EC number: 931-292-6		
M factor (Acute) = 1		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Acute Tox. 4 - H302	Xn; R22. Xi; R41, R38. N; R50, R51/53	
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.

Ingestion

Drink water. If symptoms persist seek medical advice.

Skin contact

Rinse affected area with water.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

Inhalation

Possible mild irritation of breathing passage and possible mouth irritation.

Ingestion

Possible mild stomach upset and mild soreness of mouth.

Kitchen Cleaner

Skin contact

Possible mild transient irritation of skin.

Eye contact

Causes eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

No data available

Specific treatments

No data available.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Use extinguisher suitable to cause of fire.

5.2. Special hazards arising from the substance or mixture**Specific hazards**

Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

5.3. Advice for firefighters**Protective actions during firefighting**

Use protection suitable to cause of fire.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with skin and eyes.

6.2. Environmental precautions**Environmental precautions**

Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

6.4. Reference to other sections**Reference to other sections**

None

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Usage precautions**

Use as instructed on label. Avoid breathing spray. Point spray away from face. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in ambient conditions. Keep out of the reach of children.

7.3. Specific end use(s)**Specific end use(s)**

Degreasing and cleaning hard kitchen surfaces and cookware

SECTION 8: Exposure Controls/personal protection**8.1. Control parameters****Occupational exposure limits**

Kitchen Cleaner

Butyl Diglycol

Long-term exposure limit (8-hour TWA): ELV (IE) 67.5 10

Short-term exposure limit (15-minute): ELV (IE) 101.2 15

Short-term exposure limit (15-minute): WEL 101.2 15

WEL = Workplace Exposure Limit

Cocamine Oxide (CAS: 308062-28-4)

DNEL

Workers - Dermal; systemic effects: 11 mg/kg/day

Workers - Inhalation; systemic effects: 15.5 mg/m³

Workers - Dermal; local effects: 0.27 %

General population - Dermal; systemic effects: 5.5 mg/kg/day

General population - Inhalation; systemic effects: 3.8 mg/m³

General population - Oral; systemic effects: 0.44 mg/kg/day

PNEC

- Fresh water; 0.0335 mg/l

- Marine water; 0.00335 mg/l

- Intermittent release; 0.0335 mg/l

- Sediment (Freshwater); 5.24 mg/kg

- Sediment (Marinewater); 0.524 mg/kg

- Soil; 1.02 mg/kg

- STP; 24 mg/kg

8.2. Exposure controls

Environmental exposure controls

This product does not pose a hazard in normal use when following the usage instructions. Take care to avoid contact with eyes.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear thin yellow liquid

Odour

Lemon & grapefruit

pH

pH (concentrated solution): 9.2-10.8

Initial boiling point and range

Not measured (>100°C)

Flash point

Not determined.

Vapour pressure

Not available.

Relative density

1.000-1.008

Solubility(ies)

Soluble in water

Partition coefficient

n-octanol/water Not available.

Explosive properties

None

Oxidising properties

Not available.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazards expected.

10.2. Chemical stability

Kitchen Cleaner

Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Materials to avoid

None known.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

19,456.96061794

Toxicological information on ingredients.

Butyl Diglycol

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

2,000.0

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2000.0

Species

Rabbit

Undecanol, branched and linear, ethoxylated (>5-15 EO)

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

350.0

Species

Rat

ATE oral (mg/kg)

350.0

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

2001.0

Species

Rat

ATE dermal (mg/kg)

2001.0

Cocamine Oxide

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

1,064.0

Species

Rat

ATE oral (mg/kg)

1,064.0

Kitchen Cleaner**SECTION 12: Ecological Information****12.1. Toxicity****Ecological information on ingredients.****Butyl Diglycol****Acute toxicity - fish**

LC , : 100 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC , 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC , : 100 mg/l, Desmodesmus subspicatus

Undecanol, branched and linear, ethoxylated (>5-15 EO)**Acute toxicity - fish**

LC , 96 hours: >1 - 10 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic invertebrates

EC , 48 hours: >1 - 10 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC , 72 hours: >1 - 10 mg/l, Desmodesmus subspicatus

Cocamine Oxide**Acute aquatic toxicity**

LE(C)

 $0.1 < L(E)C50 \leq 1$ **M factor (Acute)**

1

12.2. Persistence and degradability**Ecological information on ingredients.****Butyl Diglycol****Biodegradation**

- Degradation 76: 28 days - Degradation 90-100: 8 days - Degradation 90-100: 14 days

12.3. Bioaccumulative potential**Partition coefficient**

n-octanol/water Not available.

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment****Ecological information on ingredients.****Butyl Diglycol**

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not determined.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****General information**

Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information**General**

Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Kitchen Cleaner

Not applicable.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 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**

This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP). Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	The London Oil Refining Company Ltd
Revision date	12/01/2015
Revision	1
SDS number	4948
Risk phrases in full	R22 Harmful if swallowed. R41 Risk of serious damage to eyes.
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.