



SAFETY DATA SHEET
Pro Steel Shine & Sparkle

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

1.1. Product identifier

Product name Pro Steel Shine & Sparkle
Internal identification F8V1

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

Identified uses Cleaning Stainless Steel sinks and appliances

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

Not Classified

Environmental hazards

Not Classified

2.2. Label elements

Hazard statements

NC Not Classified

Precautionary statements

P102 Keep out of reach of children.
 P103 Read label before use.

Detergent labelling

< 5% non-ionic surfactants, < 5% perfumes, < 5% polycarboxylates, Contains 2-Octyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one

Additional Detergent Labelling

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Cristobalite Flour		10-30%
CAS number: 14464-46-1 EC number: 238-455-4		
Classification		Classification (67/548/EEC or 1999/45/EC)
STOT RE 1 - H372		T; R48/23/24/25

Pro Steel Shine & Sparkle

Citric Acid Kosher		1-5%
CAS number: 5949-29-1 EC number: 201-069-1 REACH registration number: 01-2119457026-42-0015		
Classification		Classification (67/548/EEC or 1999/45/EC)
Eye Irrit. 2 - H319		Xi; R36

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 thoroughly with water for several minutes. If symptoms persist seek medical advice.

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.

Skin contact

Possible mild transient irritation of skin.

Eye contact

Possible mild irritation, redness and soreness.

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

Pro Steel Shine & Sparkle

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Use as instructed on label.

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)

Cleaning stainless steel sinks and appliances.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Cristobalite Flour

Long-term exposure limit (8-hour TWA): 0.1 mg/m3 respirable crystalline

8.2. Exposure controls

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Viscous white liquid

Odour

Characteristic.

pH

pH (concentrated solution): 2-3

Initial boiling point and range

Not measured (>100°C)

Flash point

Not applicable.

Evaporation rate

Not measured.

Flammability (solid, gas)

Does not ignite.

Vapour pressure

Not available.

Vapour density

> 1 (Air=1)

Relative density

1.12-1.14

Solubility(ies)

Soluble in water Cristobolite - insoluble

Partition coefficient

Not available.

Viscosity

>1750 cP

Explosive properties

None

9.2. Other information

Pro Steel Shine & Sparkle**SECTION 10: Stability and reactivity****10.1. Reactivity**

No reactivity hazards expected.

10.2. Chemical stability**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****Toxicological effects**

This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Other health effects

Cristobolite - Contains respirable cristobolite and respirable quartz as an impurity and classified as STOT RE2. Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica. Once dispersed fully in the product the risk of respirable silica becoming airborne is negligible.

SECTION 12: Ecological Information**12.1. Toxicity**

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

12.2. Persistence and degradability**Persistence and degradability**

Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

12.3. Bioaccumulative potential

No bio-accumulative potential noted for any component.

Partition coefficient

Not available.

12.4. Mobility in soil**Mobility**

Semi-mobile.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Not available.

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.

Pro Steel Shine & Sparkle**14.1. UN number**

Not applicable.

14.2. UN proper shipping name

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	23/02/2015
Revision	1
SDS number	4829
Risk phrases in full	R36 Irritating to eyes. R48/23/24/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
Hazard statements in full	H319 Causes serious eye irritation. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.