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

1.1. Product identifier

Product name: C39 POWER OVEN & GRILL CLEANER

Product No.: 570920

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

Identified uses: Oven and Grill Cleaner

1.3. Details of the supplier of the safety data sheet

Selden Research Limited
Staden Lane
Ashbourne Road
Buxton
Derbyshire
SK17 9RZ
United Kingdom

t : 01298 26226

f : 01298 26540

e : safety@selden.co.uk

1.4. Emergency telephone number

01298 26226

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (67/548/EEC) C;R35.

2.2. Label elements

Contains: SODIUM HYDROXIDE

Detergent Labelling: < 5% non-ionic surfactants

Labelling:

Corrosive (C)

Risk Phrases: R35 Causes severe burns.

Safety Phrases:
S1/2 Keep locked up and out of the reach of children.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell
Seek medical advice immediately (show label where possible).
S46 If swallowed
Seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

2.3. Other hazards

No other hazards known., This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not Applicable

3.2. Mixtures

ALKYL GLUCOSIDE		1-5%
CAS-No.: 54549-24-5	EEC (EINECS) No.	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Serious eye damage, category 1 - H318		Xi;R41

SODIUM HYDROXIDE		10-30%
CAS-No.: 1310-73-2	EEC (EINECS) No. 215-185-5	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Skin corrosion, categories 1A, 1B, 1C - H314		C;R35

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

General information	Chemical burns must be dealt with immediately, do not delay., CAUTION! First Aid personnel must be aware of own risk of burns.
Inhalation	Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.
Ingestion	DO NOT INDUCE VOMITING!, Rinse mouth thoroughly., Drink plenty of water., Get medical attention immediately!, NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!
Skin contact	Immediately remove contaminated clothing., Rinse immediately with plenty of water., Continue to rinse for at least 15 minutes., Get medical attention if any discomfort continues.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids., Make sure to remove any contact lenses from the eyes before rinsing., Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	Corrosive. Even small amounts may cause serious damage., Causes burns.
Skin contact	Corrosive. Prolonged contact causes serious tissue damage., Causes burns.
Eye contact	Causes severe burns., Risk of serious damage to eyes.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media	The product is non-combustible., Use fire-extinguishing media appropriate for surrounding materials., Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Unsuitable extinguishing media

5.3. Advice for firefighters

Special Fire Fighting Procedures	Self contained breathing apparatus and full protective clothing must be worn in case of fire. Use special protective clothing. Regular protection may not be safe.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes., For personal protection, see section 8.

6.2. Environmental precautions

Any spillage needs to be contained and not allowed to enter water courses

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment., Absorb in vermiculite, dry sand or earth and place into containers., Collect spillage in containers, seal securely and deliver for disposal according to local regulations., Inform Authorities if large amounts are involved.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact., Personal protective equipment must be worn when handling this material.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs., Store in closed original container at temperatures between 0°C and 30°C., Store away from:, Acids.

7.3. Specific end use(s)

See product label for detailed usage and instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
SODIUM HYDROXIDE	WEL		2 mg/m3	

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment

Engineering measures	Provide adequate general and local exhaust ventilation.
Hand protection	Use protective gloves made of:, Nitrile., Rubber (natural, latex).
Eye protection	Use approved safety goggles or face shield.
Other Protection	Wear suitable protective clothing as protection against splashing or contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless.
Odour	Characteristic., of glycol ether
Relative density	1.113 - 1.123 @ 20 °C
pH-Value, Conc. Solution	12.5- 14.0
Flash point (°C)	N/A

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal temperature conditions.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

None known

10.4. Conditions to avoid

Avoid contact with acids., Avoid contact with other chemicals.

10.5. Incompatible materials

Strong acids., Reacts strongly with light metals such as aluminium and zinc, producing hydrogen which is Highly Flammable.

10.6. Hazardous decomposition products

When heated, toxic and corrosive vapours/gases may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information	No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.
Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	Corrosive. Even small amounts may cause serious damage., Causes burns.
Skin contact	Corrosive. Prolonged contact causes serious tissue damage., Causes burns.
Eye contact	Causes severe burns., Risk of serious damage to eyes.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and degradability

Degradability	The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004.

12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility:	The product contains substances, which are water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or PvB substances

12.6. Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General	Derogation for Limited Quantities may be applicable to appropriate pack sizes, please check relevant modal legislation.

14.1. UN number

UN No. (ADR/RID/ADN)	1719

UN No. (IMDG)	1719
UN No. (ICAO)	1719

14.2. UN proper shipping name

Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	Class 8: Corrosive substances.
IMDG Class	8
ICAO Class/Division	8
Transport Labels	

14.4. Packing group

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

14.5. Environmental hazards

Environmentally Hazardous substance/Marine Pollutant No

14.6. Special precautions for user

Tunnel Restriction Code E

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

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

UK Regulatory References	The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Environmental Listing	Rivers (Prevention of Pollution) Act 1961., Control of Pollution (Special Waste Regulations) Act 1980.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes	Workplace Exposure Limits EH40., CHIP for everyone HSG(108).
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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments., 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
National Regulations	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

15.2. Chemical Safety Assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture

SECTION 16: OTHER INFORMATION

General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

Revision Comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision Date	20/02/2013
Revision	2

Risk Phrases In Full	R35 Causes severe burns.| R41 Risk of serious damage to eyes.|	
Hazard Statements In Full	H314	Causes severe skin burns and eye damage.
	H318	Causes serious eye damage.