

OVEN MATE - OVEN GEL

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Compilation date: 05/11/2012

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Revision No: 3

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

1.1. Product identifier

Product name: OVEN MATE - OVEN GEL CLEANING KIT

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

Use of substance / mixture: Oven cleaner

1.3. Details of the supplier of the safety data sheet

Company name: RUSTINS LTD WATERLOO ROAD LONDON NW2 7TX UNITED KINGDOM

Tel: +44 (0)20 8450 4666

Fax: +44 (0)20 8452 2008

Email: rustins@rustins.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)20 8450 4666 (OFFICE HOURS 8am - 4pm)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Skin Corr. 1A: H314

Most important adverse effects: Harmful if swallowed. Causes severe skin burns and eye damage.

2.2. Label elements

Label elements:

Hazard statements: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark



OVEN MATE - OVEN GEL CLP

Signal words:	Danger
Precautionary statements:	P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
	P280: Wear protective gloves/protective clothing/eye protection/face protection.
	P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
	P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.
	Rinse skin with water/shower.
	P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Other hazards: Harmful if swallowed.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

RM POTASSIUM HYDROXIDE 50% CLP - REACH registered number(s): 01-2119487136-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-181-3	1310-58-3	-	Acute Tox. 4: H302; Skin Corr. 1A:	10-30%
			H314; Eye Dam. 1: H318; Met. Corr. 1:	
			H290	

RM TRISODIUM SALT OF NITRILOACETIC ACID 38% CLP

225 768 6	5064-31-3	-	Acute Tox. 4: H302; Eye Irrit. 2: H319;	<1%
			Carc. 2: H351; Skin Irrit. 2: H315	

Section 4: First aid measures

4.1. Description of first aid measures	
Skin contact:	Wash immediately with plenty of soap and water.
	Bathe the eye with running water for 15 minutes.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water

to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Not a problem in normal use.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty

swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Not likely in normal use.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray

to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits 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: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for

disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: 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): No data available.

Section 8: Exposure controls/personal protection

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8.1. Control parameters

Hazardous ingredients:

RM POTASSIUM HYDROXIDE 50% CLP

Workplace exposure limits:

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

Respirable dust

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures:	Non required in well ventilated areas
Respiratory protection:	Respiratory protection not required.
Hand protection:	Impermeable gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.
Environmental:	No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	Colourless
Odour:	Barely perceptible odour
Solubility in water:	Soluble
Viscosity:	Highly viscous
pH:	13-14

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.

Decomposition may occur on exposure to conditions or materials listed below.

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10.4. Conditions to avoid

Conditions to avoid: Hot surfaces. Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

RM POTASSIUM HYDROXIDE 50% CLP

	333 mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty

swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Not likely in normal use.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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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: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods		
Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal	
	company.	
Disposal of packaging:	Dispose of as normal industrial waste. Rinse out empty containers at least twice with	
	water and recycle if facilities exist or dispose of as commercial waste.	
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: UN1719

14.2. UN proper shipping name

Shipping name: CAUSTIC ALKALI LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: ||

14.5. Environmental hazards

Environmentally hazardous: 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: Not applicable.

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.

Marine pollutant: No

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Section 16: 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. Phrases used in s.2 and s.3: H290: May be corrosive to metals. 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.
- H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- 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.

Oven Mate Just For Racks 500 ml - C10100-500

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

1.1. Product identifier

Product name : Oven Mate Just For Racks 500 ml Product code : C10100-500

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

1.3. Details of the supplier of the safety data sheet

Registered company name : Rustins Ltd

Address : Waterloo Road, London NW2 7TX United Kingdom

Telephone : +44 (0)20 8450 4666 Fax : +44 (0)20 8452 2008

Email: rustins@rustins.co.uk

1.4. Emergency telephone number : +44 (0)20 8450 4666 (Office Hours)

Association/Organisation

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Substance that is corrosive to metals, Category 1 (Met. Corr. 1, H290).

Skin corrosion, Category 1A (Skin Corr. 1A, H314).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Corrosive (C, R 35).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8). This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05	
Signal Word :	
DANGER	
Product identifiers :	
011-002-00-6	SODIUM HYDROXIDE
EC 500-234-8	ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (>1 <2.5 MOL EO) (SODIUM LAURETH/PARETH SULFATE)
Hazard statements :	
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
Precautionary statement	is - General :
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.
Precautionary statement	s - Prevention :
P234	Keep only in original container.

P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - Respo	onse :
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/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.
P310	Immediately call a POISON CENTER or doctor/physician.
P390	Absorb spillage to prevent material damage.
Precautionary statements - Stora	ge :
P405	Store locked up.
Precautionary statements - Dispo	osal :
P501	Dispose of contents/container in accordance with local requirements for domestic waste disposal.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Composition :

composition .				
Identification	(EC) 1272/2008	67/548/EEC	Note	%
INDEX: 011-002-00-6	GHS05	С	[1]	10 <= x % < 25
CAS: 1310-73-2	Dgr	C;R35		
EC: 215-185-5	Skin Corr. 1A, H314			
REACH: 01-2119457892-27-				
SODIUM HYDROXIDE				
INDEX: 1001548	GHS05	Xi		0 <= x % < 2.5
CAS: 68891-38-3	Dgr	Xi;R38-R41		
EC: 500-234-8	Skin Irrit. 2, H315	R52/53		
REACH: 01-2119488639-16-	Eye Dam. 1, H318			
	Aquatic Chronic 3, H412			
ALCOHOLS, C12-14, ETHOXYLATED,				
SULFATES, SODIUM SALTS (>1 <2.5 MOL				
EO) (SODIUM LAURETH/PARETH SULFATE)			

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

Oven Mate Just For Racks 500 ml - C10100-500

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

Oven Mate Just For Racks 500 ml - C10100-500

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- ACGIH TLV (Amer	ican Conference	of Governmenta	al Industrial Hyg	ienists, Thresho	ld Limit Values	, 2010) :
CAS	TWA:	STEL :	Ceiling :	Definition :	Criteria :	
1310-73-2	-	-	2 mg/m3	-	-	
- France (INRS - ED9	84 :2008) :					
CAS	VME-ppm :	VME-mg/m3	: VLE-ppm :	VLE-mg/m3:	Notes :	TMP No :
1310-73-2	-	2	-	-	-	-
- UK / WEL (Workpla	ace exposure lim	its, EH40/2005,	2007):			
CAS	TWA:	STEL:	Ceiling :	Definition :	Criteria :	
1310-73-2	-	2 mg/m3	-	-	-	

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex

- PVC (polyvinyl chloride)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties	
General information :	
Physical state :	Fluid liquid.
Hygroscopicity :	Not stated.
Odour threshold :	Not stated.
Molecular formula :	Not stated.
Granulometry :	Not stated.
Apparent bulk density (Packed) :	Not stated.
Apparent bulk density (Loose packed) :	Not stated.
Particle size :	Not stated.
Angle of Talus :	Not stated.
Important health, safety and environmental information	
pH (aqueous solution) :	13
pH :	Not stated.
	Strongly basic.
Boiling point/boiling range :	Not relevant.
Flash point interval :	Not relevant.
Flammability (solid, gas) :	Not stated.
Explosive properties, lower explosivity limit (%):	Not stated.
Explosive properties, upper explosivity limit (%):	Not stated.
Oxidising properties :	Not stated.
Vapour pressure (50°C) :	Not relevant.
Vapour density :	Not stated.
Density :	1.125 (20°C)
Miscibility :	Not stated.
Water solubility :	Soluble. n/a
Fat solubility :	Not stated.
Partition coefficient: n-octanol/water :	Not stated.
Viscosity :	Not stated.
Evaporation rate :	Not stated.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.
Conductivity :	Not stated.
% VOC :	Not stated.
Colour : Characteristic	
Odour : Characteristic	
9.2. Other information	
Optical rotation :	Not stated.
Index of refraction :	Not stated.
Index of fluidity :	Not stated.
Henry constant :	Not stated.
Dissociation constant :	Not stated.
Oxidation reduction potential :	Not stated.
Superficial tension :	Not stated.
Surface tension :	Not stated.
Enthalpy of combustion :	Not stated.
Enthalpy of melting :	Not stated.
Enthalpy of vaporisation :	Not stated.
Enthalpy of polymerization :	Not stated.
Critical pressure :	Not stated.
Critical temperature :	Not stated.
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Oven Mate Just For Racks 500 ml - C10100-500

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

Mixture which by chemical action can corrode and even destroy metals.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO2)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

Skin corrosion/skin irritation :

Corrosive classification is based on an extreme pH value.

Serious damage to eyes/eye irritation :

Corrosive classification is based on an extreme pH value.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

14.1. UN number

2735

14.2. UN proper shipping name

UN2735=AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.

(sodium hydroxide)

14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

I

14.5. Environmental hazards

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C7	Ι	8	88	0	274	E0	1	E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	8	-	Ι	0	F-A,S-B	274	E0			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	8	-	Ι	850	0.5 L	854	2.5 L	A3	E0	
								A803		
	8	-	Ι	Forbidden	Forbidden	-	-	A3	E0	7
								A803		

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

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

No data available.

SECTION 15 : REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations

- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 618/2012

- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

- Container information:

Packaging to be fitted with child-resistant fastenings (see EC Regulation No. 1272/2008, Annex II, Part 3). Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : anionic surfactants
- less than 5 % : amphoteric surfactants

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols :



Corrosive	
Contains : 011-002-00-6	SODIUM HYDROXIDE
Risk phrase :	
R 35	Causes severe burns.
Safety phrase :	
S 1/2	Keep locked up and out of the reach of children.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 25	Avoid contact with eyes.
S 27	Take off immediately all contaminated clothing.
S 28	After contact with skin, wash immediately with plenty of soap and water.
S 64	If swallowed, rinse mouth with water (only if the person is conscious).
S 20	When using do not eat or drink.
Fitle for H, EUH and	R indications mentioned in section 3 :
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.
R 35	Causes severe burns.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungsklasse (Water Hazard Class).

GHS05 : Corrosion

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

1.1	Product identifier	Oven Mate Microwave Steam Clean Wipes				
	Other means of identification					
1.2	Relevant identified uses of the	substance or mixture and uses advised against				
	Uses:	A wet wipe with biocidal activity for cleaning and disinfecting surfaces etc. Effective against MRSA, C-Diff & H1N1.				
	Not to be used for:					
1.3	Supplier					
	Company Name:	Rustins Ltd				
	Address:	Waterloo Road London NW2 7TX United Kingdom				
	Email:	rustins@rustins.co.uk				
1.4	Emergency telephone number	+44 (0)20 8450 4666				
	Telephone:	National Poisons Information Service (UK) +44 (0)844 8920111				
SECT	SECTION 2: HAZARDS IDENTIFICATION					
2.1	Classification of the substanc	e or mixture				
	- 67/548/EEC					
	Main hazards.					

- EC 1272/2008 Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317:

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2.2	Label elements	
	Signal Word	Warning
	Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction.
	Precautionary Statement: Prevention	 P102 - Keep out of reach of children. P103 - Read label before use. P264 - Wash thoroughly after handling. P280 - Wear protective gloves / protective clothing / eye protection / face protection.
	Precautionary Statement: Response	 P101 - If medical advice is needed, have product container or label at hand. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. 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 on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
2.3	Other hazards	This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Quaternary ammonium compounds, C12-14-		85409-23-0	287-090-7		0-0.5%	C; R34 Xn; R22 N; R50

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alkyl[(ethylphenyl)me yl]dimethyl, chlorides						
Quaternary ammoniur compounds, benzyl- C12-18-alkyldimethyl		68391-01-5	269-919-4		0-0.5%	C; R34 Xn; R22 N; R50
chlorides D-Limonene	601-029- 00-7	5989-27-5	227-813-5		0 - 0.05%	R10 Xi; R38 R43 N; R50/53
3,7-dimethylocta-2,6- dienal (Citral)		5392-40-5	226-394-6		0 - 0.05%	Xi ; R38-R43
3,7-dimethyloct-6-en- 1-ol (Citronellol)		106-22-9	203-375-0		0-0.01%	Xi-N ; R38- R43-R51/53
linalool		78-70-6	201-134-4		0-0.001%	H315, H319
3,7-Dimethylocta-2,6- dien-1-ol (Geraniol)		106-24-1	203-377-1		0-0.001%	H315, H317, H318
EC 1272/20	008					
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Quaternary ammoniur compounds, C12-14- alkyl[(ethylphenyl)me yl]dimethyl, chlorides	th	85409-23-0	287-090-7		0-0.5%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic
Quaternary ammoniur compounds, benzyl- C12-18-alkyldimethyl chlorides		68391-01-5	269-919-4		0-0.5%	1: H410; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
D-Limonene	601-029- 00-7	5989-27-5	227-813-5		0-0.05%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin

Sens. 1: H317; Aquatic Acute

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3,7-dimethylocta-2,6- dienal (Citral)	5392-40-5	226-394-6	0-0.05%	1: H400; Aquatic Chronic 1: H410; SCI 2-SS 1;H315, H317, H411
3,7-dimethyloct-6-en-1- ol (Citronellol)	106-22-9	203-375-0	0-0.01%	SCI 2-SS 1;H315 H317
linalool	78-70-6	201-134-4	0-0.001%	H315, H319
3,7-Dimethylocta-2,6- dien-1-ol (Geraniol)	106-24-1	203-377-1	0-0.001%	H315, H317, H318

3.2	Mixtures	See section 3.1 for further information.
	Further information	For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1	Description of first aid measures	
	Inhalation	Inhalation is highly unlikely due to liquid impregnated on a fabric substrate. Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.
	Eye contact	Eye contact is unlikely due to liquid impregnated on a fabric substrate. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
	Skin contact	Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
	Ingestion	Ingestion is highly unlikely due to liquid impregnated on a fabric substrate. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
4.2	Most important symptoms and	l effects, both acute and delayed
	Inhalation	No specific symptoms noted.

Eye contact	Causes serious eye irritation.

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	Skin contact	Causes skin irritation. May cause allergic reactions in susceptible people. Repeated exposure may cause skin dryness or cracking.	
	Ingestion	No specific symptoms noted.	
4.3	Indication of any immediate medical attention and special treatment needed	If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.	
SECT	ION 5: FIREFIGHTING N	IEASURES	
5.1	Extinguishing media	This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.	
5.2	Special hazards arising from the substance or mixture	In the event of a large fire toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self-contained breathing apparatus.	
5.3	Advice for firefighters	Standard protective equipment should be worn by fire fighters, in particular eye / face protection.	
SECT	ION 6: ACCIDENTAL RE	CLEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures	Avoid contact of the impregnating fluid with the eyes and skin. In case of splashing, wear approved safety goggles. Surfaces contaminated with the product will become slippery. Wear suitable protective clothing.	
6.2	Environmental precautions	Large spillages are highly unlikely due to liquid impregnated on a fabric substrate.	

6.3 Methods and material for containment and cleaning up
 6.4 Reference to other sections
 Keference to other sections
 Large spillages are highly unlikely due to liquid impregnated on a fabric substrate Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
 6.4 Reference to other sections

Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

SECTION 7: HANDELING AND STORAGE

7.1	Precautions for safe handling	Avoid contact with eyes and skin. Wear suitable gloves and eye / face protection.
		Do not eat, drink or smoke in areas where this product is used or stored. Wash
		hands after handling the product. Remove contaminated clothing and protective
		equipment before entering eating areas. Adopt best Manual Handling
		considerations when handling, carrying and dispensing.

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7.2	Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.
7.3	Specific end use	Restricted to professional users.
SECTI	ON 8: EXPOSURE CONT	'ROLS / PERSONAL PROTECTION
8.1	Control parameters	The product is impregnated onto a fabric substrate so free liquid will not be available and exposure significantly mitigated.
8.1.1	Exposure Limit Values	
8.2	Exposure controls	-
8.2.1	Appropriate engineering Controls	Keep in a cool, dry, well ventilated area.
8.2.2	Individual protection measures	Wear protective gloves / protective clothing / eye protection / face protection.
	Eye / face protection	In case of splashing, wear approved safety goggles. Provide eye wash station.
	Skin protection - Hand protection	Neoprene gloves.
	Respiratory protection	Avoid breathing dust / fume / gas / mist / vapours / spray. Wear suitable respiratory equipment when necessary.
8.2.3	Environmental exposure controls	Do not empty into drains. Do not flush into surface water. Prevent further spillage if safe.
8.2.3.	Further information	Information valid at the time of review of safety data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a	Appearance:	White nonwoven fabric impregnated with a colourless solution.
b	Odour:	Characteristic Lemon odour.
c	Odour threshold:	Not available.
d	pH:	6.0 – 7.0

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e	Melting point / freezing point:	Not available.
f	Initial boiling point and boiling range:	Not available.
g	Flash point:	Not determined.
h	Evaporation rate:	Not available.
i	Flammability (solid, gas):	Not applicable.
j	Upper / lower flammability or explosive limits:	Not available.
k	Vapour pressure:	Not available.
1	Vapour density:	Not available.
m	Relative density:	0.99 – 1.00
n	Solubility(ies):	Impregnating fluid immiscible with water.
0	Partition coefficient: n-octanol / water:	Completely immiscible with water.
р	Auto-ignition temperature:	Not available.
q	Decomposition temperature:	Not available.
r	Viscosity:	Water thin.
S	Explosive properties:	Not available.
t	Oxidising properties:	Not available.
9.2	Other information	None available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	This preparation is stable under normal conditions of storage / use and no chemical incompatibility is known.
10.2	Chemical Stability	Stable under recommended storage and handling conditions. The product is not flammable.

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11.1.4

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10.3	Possibility of hazardous reactions	Strong acids and Strong bases. Strong oxidising agents.
10.4	Conditions to avoid	Avoid excessive heat. Do Not allow to freeze.
10.5	Incompatible materials	Strong acids and Strong bases. Strong oxidising agents.
10.6	Hazardous decomposition products	Combustion of the product will generate toxic fumes containing oxides of carbon may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Based on available data the classification criteria are not met.
Skin corrosion / irritation	Causes skin irritation
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	Not classified as a specific target organ toxicant after a single exposure.
STOT-repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.
Toxicological Information	
Quaternary ammonium compounds, benzyl-C12-18- alkyldimethyl, chlorides	Oral Rat LD50: 301 - 2000 mg/kg
Quaternary ammonium compounds, C12-14-	Oral Rat LD50: 301 - 2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

alkyl[(ethylphenyl)methyl]di

methyl, chlorides

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12.1 Toxicity

	Quaternary ammonium compounds, benzyl-C12-18- alkyldimethyl, chlorides	Daphnia EC50/48h: 0.016 mg/l
	Quaternary ammonium compounds, C12-14- alkyl[(ethylphenyl)methyl]di methyl, chlorides	Daphnia EC50/48h: 0.016 mg/l
	D-Limonene	Daphnia EC50/48h: 0.400000 mg/l Algae IC50/72h: 4.000000 mg/l Fathead minnows LC50/96h: 0.71 mg/l Algae IC50/72h: 4.000000 mg/l
12.2	Persistence and degradability	The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
12.3	Bio accumulative potential	No data available.
12.4	Mobility in soil	No data available.
12.5	Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substances.
12.6	Other adverse effects	Not known.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: TRANSPORT INFORMATION

- 14.1 UN number
- 14.2 UN proper shipping name
- 14.3 Transport hazard class(es) This preparation is not classified as "Hazardous" for transport purposes.
- 14.4 Packing group

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14.5 Environmental hazards

14.6 Special precautions for user Not applicable.

14.7Transport in bulk according
to Annex II of MARPOL 73 /
78 and the IBC CodeNot applicable.

SECTION 15: REGULATORY INFORMATION

15.1 Commission Directive 2000/39/EC of 8 June 2000 established a first list of Safety, health and environmental regulations / indicative occupational exposure limit values in implementation of Council legislation specific for the Directive 98/24/EC on the protection of the health and safety of workers from the substance or mixture risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, 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. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

15.2 Chemical safety assessment No assessment has been carried out.

SECTION 16: OTHER INFORMATION

R34 Causes burns Harmful if swallowed

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Text of risk phrases in Section 3	 R10 - Flammable R22 - Harmful if swallowed R24 - Causes burns R38 - Irritating to skin. R41 - Risk of serious damage to eyes R43 - May cause sensitisation by skin contact. R50 - Very toxic to aquatic organisms R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Text of Hazard Statements in Section 3	 Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. H318: Causes serious eye damage Skin Sens. 1: H317 - May cause an allergic skin reaction. H319: Causes serious eye irritation Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects
Glossary	ADR European Agreement concerning the International Carriage of Dangerous Goods by Road IATA International Air Transport Association IMDG International Maritime Dangerous Goods PBT Persistent, bio accumulative, toxic RID Convention concerning International Carriage by Rail vPvB very persistent, very bio accumulative STOT Specific Target Organ Toxicity WEL Workplace Exposure Limit.
General Information	Only trained personnel should use this material.
Further Information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. 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 other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his / her own particular use.