Safety Data Sheet according to Regulation (EC) No 1907/2006

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Replaces version from: -

Lord Sheraton Caretaker Polish

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

1.1. Product identifier
Lord Sheraton Caretaker Polish

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
shoe care

1.3. Details of the supplier of the safety data sheet
Rustins Ltd
Waterloo Road
London NW2 7TX
United Kingdom
Tel: +44 (0)20 8450 466
Email: rustins@rustins.co.uk

1.4. Emergency telephone number
+44 (0)20 8450 466 (Monday to Friday from 9.00 to 17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Flam. Aerosol 2
H223 Flammable aerosol.
H229 Pressurised container: May burst if heated.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:

Signal word: Warning

Hazard statement:
H223 Flammable aerosol.
H229 Pressurised container: May burst if heated.
EUH208 Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

Precautionary statement: P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

2.3. Other hazards

tactile warning of danger

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Butane, n- (< 0.1 % butadiene) 106-97-8	203-448-7	01-2119474691-32	>= 5- < 10 %	Flammable gases 1 H220 Gases under pressure
Propane 74-98-6	200-827-9	01-2119486944-21	>= 1- < 5 %	Flammable gases 1 H220 Gases under pressure
Isobutane 75-28-5	200-857-2	01-2119485395-27	>= 1- < 5 %	Flammable gases 1 H220 Gases under pressure
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	926-141-6	01-2119456620-43	>= 10- < 20 %	Aspiration hazard 1 H304
Perfume remainder			>= 0,1- < 1 %	Skin sensitizer 1 H317 Serious eye irritation 2 H319 Chronic hazards to the aquatic environment 3 H412
Na-nitrite 7632-00-0	231-555-9	01-2119471836-27	>= 0,1- < 1 %	Oxidizing solids 3 H272 Acute toxicity 3; Oral H301 Acute hazards to the aquatic environment 1 H400

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
Move to fresh air. In case of breathing difficulties seek immediate medical advise.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:
Rinse mouth with water, (only if the person is conscious).
Do not induce vomiting, seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed
After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.

After skin contact: Temporary irritation of the skin (redness, swelling, burning).

After eye contact: Temporary irritation of the eyes (redness, swelling, burning, watering eyes).

After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting. Vomit may get into the lungs causing damage (aspiration).

4.3. Indication of any immediate medical attention and special treatment needed
After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
In case of fire extinguish with foam or powder. Cool aerosol cans with jet of water.
Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions.
Commercially available extinguishers are suitable for fighting incipient fires.

Extinguishing media which must not be used for safety reasons:
None
Water jet (solvent-containing product).

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

5.3. Advice for firefighters
Use personal protective equipment and self-contained breathing apparatus.
Cool the packaging with spray water from a protected area. Remove products unaffected by fire from the hazardous area.

Additional information:
Closed containers can explode due to buildup of pressure when exposed to high temperatures.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
If large amounts are released contact the fire service.
Keep away from sources of ignition and naked flames.
Avoid contact with skin and eyes.
Ensure adequate ventilation.
Danger of slipping on spilled product.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections
See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Do not spray against flames or glowing bodies. Keep away from sources of ignition - no smoking.

Hygiene measures:
Protective equipment only required in case of industrial use or for large packs (not for household packs)
Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

7.2. Conditions for safe storage, including any incompatibilities
Ensure that storage and workrooms are adequately ventilated.
Store dry at between +5 and +40°C.
Consider national regulations.

7.3. Specific end use(s)
shoe care

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Great Britain

Ingredient [Regulated substance]	ppm	mg/m³	Value type	Short term exposure limit category / Remarks	Remarks
BUTANE 106-97-8	750	1.810	Short Term Exposure Limit (STEL):		EH40 WEL
BUTANE 106-97-8	600	1.450	Time Weighted Average (TWA):		EH40 WEL

8.2. Exposure controls

Respiratory protection:
Not needed.

Hand protection:
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:
Wear tight fitting goggles.

Skin protection:
Protective clothing against chemicals. Observe manufacturer's instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

a) Appearance	aerosol thin no valuation
b) Odor	characteristic
c) Odour threshold	No data available / Not applicable
d) pH	Not applicable
e) Melting point	No data available / Not applicable
f) Initial boiling point and boiling range	No data available / Not applicable
g) Flash point	Not applicable
h) Evaporation rate	No data available / Not applicable
i) Flammability (solid , gas)	No data available / Not applicable
j) Upper / lower flammability or explosive limits	No data available / Not applicable
k) Vapour pressure	No data available / Not applicable
l) Vapor density	No data available / Not applicable
m) Relative density	
Density	0,843 g/cm3
()	
n) Solubility (ies)	Not applicable
o) Partition coefficient: n-octanol/water	No data available / Not applicable
p) Auto-ignition temperature	No data available / Not applicable
q) Decomposition temperature	No data available / Not applicable
r) Viscosity	No data available / Not applicable
s) Explosive properties	No data available / Not applicable
t) Oxidising properties	No data available / Not applicable

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

None if used for intended purpose.

10.2. Chemical stability

Stable under normal conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Avoid heating.
Avoid open flames and sources of ignition.

10.5. Incompatible materials

None if used properly.

10.6. Hazardous decomposition products

No decomposition if used according to specifications.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
Na-nitrite 7632-00-0	LD50	180 mg/kg	rat	not specified

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	274200 ppm	gas	4 h	rat	not specified
Propane 74-98-6	LC50	> 800000 ppm	gas	15 min	rat	not specified
Isobutane 75-28-5	LC50	260200 ppm	gas	4 h	mouse	not specified
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	LC50	> 5,6 mg/l	aerosol	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Na-nitrite 7632-00-0	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Na-nitrite 7632-00-0	moderately irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Butane, n- (< 0.1 % butadiene) 106-97-8	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Propane 74-98-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Propane 74-98-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Isobutane 75-28-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Isobutane 75-28-5	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
Na-nitrite 7632-00-0	not carcinogenic	oral: drinking water	2 y daily	rat	male/female	

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	NOAEL P 21,4 mg/l NOAEL F1 21,4 mg/l			rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	NOAEL P >= 1.500 mg/kg NOAEL F1 750 mg/kg	One generation study	oral: gavage	rat	OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
Na-nitrite 7632-00-0	NOAEL P 425 mg/kg	Two generation study	oral: drinking water	mouse	not specified

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Propane 74-98-6		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Isobutane 75-28-5		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	NOAEL 3.000 mg/kg	oral: feed	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Na-nitrite 7632-00-0	NOAEL 130 mg/kg	oral: drinking water	2 y daily	rat	not specified

Aspiration hazard:

The mixture is classified based on Viscosity data.

Hazardous substances CAS-No.	Viscosity (kinematic) Value	Temperature	Method	Remarks
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	< 20,5 mm2/s	40 °C		

SECTION 12: Ecological information

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	LC50	27,98 mg/l	96 h		not specified
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	LC50	> 1.000 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Na-nitrite 7632-00-0	LC50	0,54 mg/l	96 h	Oncorhynchus mykiss	other guideline:
Na-nitrite 7632-00-0	NOEC	1,05 mg/l	29 d	Cyprinus carpio	OECD Guideline 210 (fish early lite stage toxicity test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	14,22 mg/l	48 h		not specified
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	EC50	> 1.000 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Na-nitrite 7632-00-0	EC50	15,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Na-nitrite 7632-00-0	NOEC	2 mg/l	80 d	Penaeus monodon	other guideline:

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Butane, n- (< 0.1 % butadiene) 106-97-8	EC50	7,71 mg/l	96 h		not specified
Isobutane 75-28-5	EC50	7,71 mg/l	96 h		not specified
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	NOEC	> 1.000 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	EC50	> 1.000 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Na-nitrite 7632-00-0	EC50	> 100 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Na-nitrite 7632-00-0	NOEC	100 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Na-nitrite 7632-00-0	EC10	210 mg/l	3 h	activated sludge, domestic	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	readily biodegradable, but failing 10-day window	aerobic	69 %	28 d	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances **CAS-No.**	**LogPow**	**Temperature**	**Method**
Isobutane 75-28-5	2,88	20 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

12.5. Results of PBT and vPvB assessment

Hazardous substances **CAS-No.**	**PBT / vPvB**
Butane, n- (< 0.1 % butadiene) 106-97-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Propane 74-98-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Isobutane 75-28-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics 1174522-15-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Na-nitrite 7632-00-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of as hazardous waste in compliance with local and national regulations.

Disposal of uncleaned packages:

Dispose of as hazardous waste in compliance with local and national regulations.

SECTION 14: Transport information

14.1. UN number

ADR	1950
RID	1950
ADN	1950
IMDG	1950
IATA	1950

14.2. UN proper shipping name

ADR	AEROSOLS
RID	AEROSOLS
ADN	AEROSOLS
IMDG	AEROSOLS
IATA	Aerosols, flammable

14.3. Transport hazard class(es)

ADR	2.1
RID	2.1
ADN	2.1
IMDG	2.1
IATA	2.1

14.4. Packing group

ADR	
RID	
ADN	
IMDG	
IATA	

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (D)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

Declaration of ingredients according to Detergent Regulation 648/2004/EC

15 - 30 %	aliphatic hydrocarbons
< 5 %	non-ionic surfactants
	aromatic hydrocarbons
Further ingredients	Perfumes
	Eugenol
	preservation agents
	Methylisothiazolinone
	Benzisothiazolinone
	Propellant: propane/butane

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

H220 Extremely flammable gas.
H272 May intensify fire; oxidizer.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This Safety Data Sheet contains changes from the previous version in Section(s): 1 - 16