

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

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

1.1 Product identifier

Trade name: **CHROME POLISH**

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

No further relevant information available.

Application of the substance / the mixture

Only for proper handling.

Cleaning and maintenance agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

MOTOREX AG

Bern–Zürich–Strasse 31, Postfach

CH–4901 Langenthal

Tel. +41 (0)62 919 75 75

www.motorex.com

Further information obtainable from: msds@motorex.com

1.4 Emergency telephone number:

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02

Signal word Warning

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

- | | |
|----------------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read carefully and follow all instructions. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof [electrical/ventilating/lighting] equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |

(Contd. on page 2)

Safety data sheet according to UK REACH



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Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.

Contains biocidal products: 1,2-benzisothiazol-3(2H)-one

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances

· **Dangerous components:**

EC number: 934-956-3 Reg.nr.: 01-2119827000-58	Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics Asp. Tox. 1, H304	2.5-7.5%
EC number: 920-107-4 Reg.nr.: 01-2119453414-43	Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics Asp. Tox. 1, H304	2.5-7.5%
EC number: 934-954-2 Reg.nr.: 01-2119826592-36	Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics Asp. Tox. 1, H304	2.5-7.5%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	≥2.5-≤3%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60	1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥0.036 %	≥0-<0.025%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

aliphatic hydrocarbons	≥15 - <30%
perfumes (DIPENTENE), preservation agents (BENZISOTHIAZOLINONE)	<5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:** Bring to fresh air, keep airways free, ask for medical help.

· **After skin contact:**

Remove contaminated clothing immediately.

Immediately rinse with water.

· **After eye contact:** Immediately flush eyes with plenty of water

· **After swallowing:** Rinse mouth and immediately consult a physician

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

(Contd. on page 3)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 2)

- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
The recommended storage temperature is (deg.C): 5-50°C
Keep container tightly sealed.
- **Storage class:** 3
- **7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 4)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 3)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm
	Long-term value: 1210 mg/m ³ , 500 ppm

DNELs

2634-33-5 1,2-benzisothiazol-3(2H)-one

Dermal	DNEL / Workers / Systemic effects / Long-term	0.966 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	0.345 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	6.81 mg/m ³ (worker)
	DNEL/general population/Systemic effects/Long-term	1.2 mg/m ³ (consumer)

PNECs

67-64-1 acetone

PNEC / Aquatic organisms / Freshwater	10.6 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	1.06 mg/l (aquatic organisms)
PNEC/Aquatic org/intermittent releases(freshwater)	21 mg/l (aquatic organisms)
PNEC/Aquatic organisms/Sewage treatment plant/STP	100 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	30.4 mg/kg (aquatic organisms)
PNEC / Aquatic organisms / Sediment (marine water)	3.04 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	29.5 mg/kg (aquatic organisms)

2634-33-5 1,2-benzisothiazol-3(2H)-one

PNEC / Aquatic organisms / Freshwater	0.00403 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	0.000403 mg/l (aquatic organisms)
PNEC/Aquatic org/intermittent releases(freshwater)	0.0011 mg/l (aquatic organisms)
PNEC/Aquaticorg/intermittentreleases(marine water)	0.00011 mg/l (aquatic organisms)
PNEC/Aquatic organisms/Sewage treatment plant/STP	1.03 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	0.0000499 mg/kg (aquatic organisms)
PNEC / Aquatic organisms / Sediment (marine water)	0.00000499 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	3 mg/kg (terrestrial organisms)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Respiratory protection: Not required.

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 5)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 4)

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection**



safety goggles

- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Liquid

- **Colour:**

Beige

- **Odour:**

Lemon

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

Undetermined.

- **Boiling point or initial boiling point and boiling range**

Undetermined.

- **Flammability**

Flammable.

- **Lower and upper explosion limit**

- **Lower:**

1 Vol %

- **Upper:**

6 Vol %

- **Flash point:**

40 °C

- **Auto-ignition temperature:**

>370 °C (DIN 51794)

- **Decomposition temperature:**

Not determined.

- **pH**

Not determined.

- **Viscosity:**

- **Kinematic viscosity**

Not determined.

- **Consistency**

- **Dynamic:**

Not determined.

- **Solubility**

- **water:**

Not miscible or difficult to mix.

- **Partition coefficient n-octanol/water (log value)**

Not determined.

- **Heat Capacity**

- **Vapour pressure at 20 °C:**

23 hPa

- **Density and/or relative density**

- **Density at 20 °C:**

1.016 g/cm³ (ASTM D 4052)

- **Relative density**

Not determined.

- **Vapour density**

Not determined.

- **9.2 Other information**

- **Appearance:**

- **Form:**

Pasty

- **Important information on protection of health and environment, and on safety.**

- **Explosive properties:**

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Solvent separation test:**

- **VOC (EC)**

2.99 %

(Contd. on page 6)

GB

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 5)

· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Flammable liquid and vapour.
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.
- **Additional information:** The product is flammable.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics

Oral	LD50	>5,000 mg/kg (rat)
	NOAEL	5,000 mg/kg/24h (rat)
Dermal	LD50	3,160 mg/kg (rabbit)
Inhalative	LC50 / 4h	5.266 mg/l (rat)
	NOAEC	10.4 mg/l (rat)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

Oral	LD50	15,000 mg/kg (rat)
	NOAEL	500-1,000 mg/kg/24h (rat)
Dermal	LD50	3,160 mg/kg (rabbit)
Inhalative	LC50 / 4h	6.1 mg/l (rat)

(Contd. on page 7)

Safety data sheet according to UK REACH



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Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 6)

	NOAEL	6 mg/l (rat)
	NOAEL	900 ppm (rat)
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics		
Oral	LD50	>5,000 mg/kg (rat)
	NOAEL	5,000 mg/kg/24h (rat)
Dermal	LD50	3,160 mg/kg (rat)
Inhalative	LC50 / 4h	5.266 mg/l (rat)
	NOAEC	10.4 mg/l (rat)
67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat) (OECD 401)
	NOAEL	20,000 ppm (mouse)
		10,000-50,000 ppm (rat)
	LOAEL	50,000 ppm (mouse)
		20,000 ppm (rat)
Dermal	LD50	9.4-20 ml/kg (rabbit)
	LD50	7,426-15,800 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	76 mg/l (rat) (OECD 403)
	LC50 / 8h	50.1 mg/l (rat)
	NOAEC	19,000 ppm (rat)
2634-33-5 1,2-benzisothiazol-3(2H)-one		
Oral	LD50	490-670 mg/kg (rat)
	NOAEL	69-150 mg/kg/24h (rat)
Dermal	LD50	>2,000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· Endocrine disrupting properties

556-67-2 | octamethylcyclotetrasiloxane

List II

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics

LC50	503 mg/kg/10d (sediment)
LC10	207 mg/kg/10d (sediment)
EC50	100 mg/l/3h (microorganisms)
LL50	1,028 mg/l/96h (fish)
LL50	3,193 mg/l/48h (aquatic invertebrates)
LL50	3,193 mg/l/24h (aquatic invertebrates)

(Contd. on page 8)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 7)

EL50	10,000 mg/l/72h (aquatic algae and cyanobacteria)
NOELR	1,000 mg/l/28d (fish)
NOELR	1,000 mg/l/21d (aquatic invertebrates)
NOEC	126 mg/kg/10d (sediment)
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics	
LC50	1,000 mg/l/28d (terrestrial macroorganisms except arthropods)
LC50	1,000 mg/kg/28d (sediment)
	1,000 mg/kg/28d (terrestrial arthropods)
EC10	1,897-2,969 mg/kg/28d (terrestrial plants)
	1,000 mg/kg/28d (sediment)
	1,000 mg/kg/28d (terrestrial arthropods)
	1,000 mg/kg/28d (terrestrial macroorganisms except arthropods)
EC50	9.9-15 g/kg/28d (terrestrial plants)
LL50	1,000 mg/l/96h (fish)
LL50	1,000 mg/l/72h (fish)
LL50	1,000 mg/l/48h (fish)
LL50	1,000 mg/l/24h (fish)
LL0	1,000 mg/l/96h (fish)
EL50	1,000 mg/l/48h (aquatic invertebrates)
EL50	1,000 mg/l/24h (aquatic invertebrates)
EL50	1,000 mg/l/72h (algae / cyanobacteria)
EL0	1,000 mg/l/48h (aquatic invertebrates)
NOELR	1,000 mg/l/28d (fish)
NOELR	1,000 mg/l/21d (aquatic invertebrates)
NOELR	1,000 mg/l/72h (algae / cyanobacteria)
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics	
LC50	503 mg/kg/10d (sediment)
LC10	207 mg/kg/10d (sediment)
EC50	100 mg/l/3h (microorganisms)
LL50	1.028 mg/l/96h (fish)
LL50	3.193 mg/l/48h (aquatic invertebrates)
LL50	3.193 mg/l/24h (aquatic invertebrates)
EL50	10,000 mg/l/72h (algae / cyanobacteria)
NOELR	1,000 mg/l/28d (fish)
NOELR	1,000 mg/l/21d (aquatic invertebrates)
NOEC	126 mg/kg/10d (sediment)
67-64-1 acetone	
LC50	5,540-8,120 mg/l/96h (fish)
LC50	8,800 mg/l/48h (aquatic invertebrates)
LC50	2,100 mg/l/24h (aquatic invertebrates)
NOEC	1,106-2,212 mg/l/28d (aquatic invertebrates)
2634-33-5 1,2-benzisothiazol-3(2H)-one	
LC50	2.15-22 mg/l/96h (fish)
LC50	0.41 g/kg/14d (terrestr. macroorganisms (- arthropods))
EC50	0.2-0.812 g/kg/14d (terrestrial plants)
EC10	10.3 mg/l (microorganisms)

(Contd. on page 9)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 8)

EC10	30 mg/kg (terrestrial plants)
	263.7 mg/kg (soil microorganisms)
	234.5 mg/kg (terrestr. macroorganisms (- arthropods))
EC50	0.8115 g/kg/28d (soil microorganisms)
EC50	12.8-24 mg/l/3h (microorganisms)
EC50	0.07-0.15 mg/l/72h (algae / cyanobacteria)
EC50	2.9-2.94 mg/l/48h (aquatic invertebrates)
NOEC	0.03-0.812 g/kg/14d (terrestrial plants)
	0.234-0.411 g/kg/14d (terrestr. macroorganisms (- arthropods))
NOEC	0.2637 g/kg/28d (soil microorganisms)
NOEC	0.04-0.055 mg/l/72h (algae / cyanobacteria)
NOEC	10.3-11 mg/l/3h (microorganisms)

- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential**

67-64-1 acetone

Partition coefficient -0.23 [---] (log Kow) (Bioaccumulation)

Biodegradability 91 % (28d) (Biodegradability) (OECD 301 B)

2634-33-5 1,2-benzisothiazol-3(2H)-one

Partition coefficient 0.7 [---] (log Kow) (Bioaccumulation)

- **12.4 Mobility in soil** No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

Discharged containers can contain flammable or explosive vapours.

GB

(Contd. on page 10)

Safety data sheet

according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

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Trade name: CHROME POLISH

(Contd. of page 9)

SECTION 14: Transport information

· 14.1 UN number or ID number	UN1993
· ADR/RID/ADN, IMDG, IATA	
· 14.2 UN proper shipping name	1993 FLAMMABLE LIQUID, N.O.S. (acetone)
· ADR/RID/ADN	FLAMMABLE LIQUID, N.O.S. (acetone)
· IMDG, IATA	
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN	
	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	III
· ADR/RID/ADN, IMDG, IATA	
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E, S-E
· Stowage Category	A
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR/RID/ADN	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

(Contd. on page 11)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 10)

· **UN "Model Regulation":** UN 1993 FLAMMABLE LIQUID, N.O.S.
(ACETONE), 3, III

SECTION 15: Regulatory information

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

· **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

67-64-1	acetone	Listed
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· **Reportable poisons**

1310-73-2	sodium hydroxide	12% of total caustic alkalinity
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· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category P5c** FLAMMABLE LIQUIDS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

· **purity requirement**

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Abbreviations and acronyms:**

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

(Contd. on page 12)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 11)

- Skin Sens. 1: Skin sensitisation – Category 1
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- *** Data compared to the previous version altered.**

Annex: Exposure scenario 1

- **Short title of the exposure scenario** Industrial use of cleaning agents
- **Sector of Use**
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Product category PC35** Washing and cleaning products (including solvent based products)
- **Process category**
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring
PROC15 Use as laboratory reagent
- **Environmental release category**
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
- **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product**
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

Annex: Exposure scenario 2

- **Short title of the exposure scenario** Professional use of cleaning agents

(Contd. on page 13)

Safety data sheet according to UK REACH



Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 12)

- **Sector of Use**
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Process category**
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring
PROC15 Use as laboratory reagent
- **Environmental release category**
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
- **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product**
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

Annex: Exposure scenario 3

- **Short title of the exposure scenario** Private use of cleaning agents
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **Process category**
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

(Contd. on page 14)

Safety data sheet
according to UK REACH

Printing date 29.07.2025

Version number 4.0 (replaces version 3.2)

Revision: 29.07.2025

Trade name: CHROME POLISH

(Contd. of page 13)

*PROC10 Roller application or brushing**PROC11 Non industrial spraying**PROC13 Treatment of articles by dipping and pouring***· Environmental release category***ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)***· Description of the activities / processes covered in the Exposure Scenario***See section 1 of the annex to the Safety Data Sheet.***· Conditions of use****· Duration and frequency** *5 workdays/week.***· Physical parameters****· Physical state** *Fluid***· Concentration of the substance in the mixture** *The substance is main component.***· Other operational conditions****· Other operational conditions affecting environmental exposure** *No special measures required.***· Other operational conditions affecting consumer exposure** *Not required.***· Other operational conditions affecting consumer exposure during the use of the product**
*Not applicable.***· Risk management measures****· Worker protection****· Organisational protective measures** *No special measures required.***· Technical protective measures** *No special measures required.***· Personal protective measures** *No special measures required.***· Measures for consumer protection** *No special measures required.***· Environmental protection measures****· Air** *No special measures required.***· Water** *No special measures required.***· Disposal measures** *Ensure that waste is collected and contained.***· Disposal procedures** *Dispose of product residues with household waste.***· Waste type** *Partially emptied and uncleaned packaging***· Exposure estimation****· Consumer** *Not relevant for this Exposure Scenario.***· Guidance for downstream users** *No further relevant information available.*

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