

# SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II  
(COMMISSION REGULATION (EU) No 453/2010)

Version 1  
Product Name Hagerty Silver Gloves

Issue Date 17-Apr-2015  
Revision date 17-Apr-2015

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

### 1.1. Product identifier

Product Name	Hagerty Silver Gloves
CAS No	Not applicable
REACH registration number	No information available

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

Recommended Use	Used for silverware polished surface cleaning
Uses advised against	No information available

### 1.3. Details of the supplier of the safety data sheet

Supplier	Bullheimer. & Co. GmbH & Co. KG
Address	Im Tal 12
Postal Code	211148
Phone	+49 821 80850-0
FAX	+48 821 80850-90
E-mail	Info@bullheimer.de

Importer	<b>Hagerty SA</b>
Address	Promenade-Noire 1 CH-2000 Neuchâtel Switzerland
Phone	Tel +41 32 724 44 64 www.hagertycare.com

### 1.4. Emergency telephone number

+49 821 80850-0  
24 hour medical emergency telephone number: + 41 44 251 51 51  
Swiss Toxicological Information Centre, Zurich, Switzerland

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC  
Not dangerous

### 2.2. Label elements

Symbols/Pictograms	None
Signal word	None
Hazard Statements	Not applicable
Precautionary Statements	Not applicable

**2.3. Other hazards**

No information available

**SECTION 3: Composition/information on ingredients****3.1 Article**

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
100% Cotton towel gloves	-	-	97.882	-	-
Octadecyl mercapta	220-744-1	2885-00-9	1-2	Xi, R36/R37/R38	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335)
Methyl Salicylate	204-317-7	119-36-8	0.1-0.5	Xn; R22	Acute Tox. 4 (H302)
Aromatic Hydrocarbon	265-199-0	64742-95-6	0-0.1	Xn; R65 Muta. Cat. 2; R46 Carc. Cat. 1; R45	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)
Silica sand	238-455-4	14464-46-1	0-0.1	T; R48/23	STOT RE 1(H372)

**SECTION 4: First aid measures****4.1. Description of first aid measures****General advice**

Do not breathe gas/fumes/vapor/spray. Do not get in eyes, on skin, or on clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

**Skin Contact**

No special technical protective measures are necessary.

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids.

**Ingestion**

If swallowed, call a poison control center or physician immediately

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

No information available

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

No information available

**5.2. Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of CO, CO<sub>2</sub> and incomplete combustion products.

**5.3. Advice for firefighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas  
Remove all sources of ignition  
Use personal protection recommended in Section 8

**6.2. Environmental precautions**

Sweep up and shovel into suitable containers for disposal

**6.3. Methods and material for containment and cleaning up**

Take up mechanically, placing in appropriate containers for disposal

**6.4. Reference to other sections**

See Section 7 for more information  
See section 8 for more information  
See section 13 for more information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice  
Ensure adequate ventilation, especially in confined areas  
Remove all sources of ignition  
Use personal protection recommended in Section 8

**7.2. Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place  
Keep away from heat, sparks, flame and other sources of ignition

**7.3. Specific end use(s)**

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

Chemical Name	Australia	Austria	Belgium	Denmark	European Union
Water (CAS #: 7732-18-5)	-	-	-	-	STEL: 125 ppm TWA: 100 ppm
Diafil530 (CAS #: 61790-53-2)	10 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup> TWA: 0.3 mg/m <sup>3</sup>	-	TWA: 1.5 mg/m <sup>3</sup>	-
silica sand (CAS #: 14464-46-1)	0.1 mg/m <sup>3</sup>	TWA: 0.15 mg/m <sup>3</sup>	-	TWA: 0.15 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup>	-

Chemical Name	Norway	United Kingdom	ACGIH TLV	OSHA PEL	NIOSH IDLH
silica sand (CAS #: 14464-46-1)	-	-	TWA: 0.025 mg/m <sup>3</sup> respirable fraction	-	-

**Derived No Effect Level (DNEL)**

No information available.

**Predicted No Effect Concentration (PNEC)**

No information available.

## 8.2. Exposure controls

### Engineering Controls

Remove all sources of ignition.

### Personal protective equipment

Eye/face protection	No special technical protective measures are necessary
Hand Protection	None under normal use conditions
Skin and body protection	None under normal use conditions
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

No information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Solid
Color	Rust red
Odor	Mint
Odor Threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Boiling point / boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Vapor Pressure	Not determined
Vapor density	Not determined
Density	Not determined
Relative density	Not determined
Specific gravity	Not determined
Water solubility	Not determined
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

### 9.2. Other information

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

**10.4. Conditions to avoid**

Heat, flames and sparks

**10.5. Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

None under normal use conditions

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Aromatic Hydrocarbon (CAS #: 64742-95-6)	-	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h = 3400 ppm ( Rat ) 4 h

**Skin corrosion/irritation**

May be slightly irritating to the skin.

**Serious eye damage/eye irritation**

May cause eye irritation

**Sensitization**

No sensitization responses were observed.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

Chemical Name	European Union	IARC
Aromatic Hydrocarbon (CAS #: 64742-95-6)	Carc. 1B	-

**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

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

Chemical Name	Algae/aquatic plants EC50	Fish LC50	Crustacea EC50
Aromatic Hydrocarbon (CAS #: 64742-95-6)	-	9.22: 96 h Oncorhynchus mykiss mg/L LC50	6.14: 48 h Daphnia magna mg/L EC50

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available

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

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations  
 Contaminated packaging Dispose of in accordance with federal, state and local regulations

**SECTION 14: Transport information**

- 14.1 UN Number Not regulated
- 14.2 Proper shipping name Not regulated
- 14.3 Hazard Class Not regulated
- 14.4 Packing Group Not regulated
- 14.5 Environmental hazards Not applicable
- 14.6 Special precautions No information available
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

**SECTION 15: Regulatory information**

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

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

**International Inventories**

Component	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Octadecyl mercapta 2885-00-9 ( 1.085 )	X	X	X	X	X	X	X	X
Water 7732-18-5 ( 0.481 )	X	X	X	-	X	X	X	X

Diafil530 61790-53-2 ( 0.226 )	X	X	-	X	X	X	X	-
Methyl Salicylate 119-36-8 ( 0.207 )	X	X	X	X	X	X	X	X
Aromatic Hydrocarbon 64742-95-6 ( 0.0776 )	X	X	X	X	X	X	X	X
Iron oxide red 1332-37-2 ( 0.03946 )	X	X	X	X	X	X	X	X
silica sand 14464-46-1 ( 0.00195 )	X	X	X	X	X	X	X	X

"-" Not Listed

"X" Listed

**15.2. Chemical safety assessment**

No information available

**SECTION 16: Other information**

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Issue Date** 17-Apr-2015  
**Revision date** 17-Apr-2015  
**Revision Note** Not applicable

**Key or legend to abbreviations and acronyms used in the safety data sheet**

- TWA** - TWA (time-weighted average)
- STEL** - STEL (Short Term Exposure Limit)
- Ceiling** - Maximum limit value
- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

**Full text of H-Statements referred to under section 3**

- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H302 - Harmful if swallowed
- H372 - Causes damage to organs through prolonged or repeated exposure
- H304 - May be fatal if swallowed and enters airways
- H340 - May cause genetic defects
- H350 - May cause cancer

**Full text of R-phrases referred to under sections 2 and 3**

- R45 - May cause cancer
- R46 - May cause heritable genetic damage
- R65 - Harmful: may cause lung damage if swallowed
- R36/37/38 - Irritating to eyes, respiratory system and skin.

R48/23 - Toxic: danger of serious damage to health by prolonged exposure through inhalation.

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

----- End of Safety Data Sheet -----