Page 1/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

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

- · Product identifier
- · Trade name: Mr SUPER CLEAR GLOSS (Aerosol)
- · Article number: B-513
- Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

- · Application of the substance / the mixture Coating
- · Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

GSI EUROPE - Import + Export GmbH

Louise-Dumont-Str. 31 40211 DÜSSELDORF

GERMANY

- · Further information obtainable from: Hobby Department
- · Emergency telephone number: During normal opening times: +49/211/1665 98420

2 Hazards identification

- · Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



health hazard

Carc. 2 H351 Suspected of causing cancer.



corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

· Label elements

· Labelling according to Regulation (EC) No 1272/2008

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

(Contd. on page 2)



Page 2/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 1)

· Hazard pictograms









GHS02 GHS05 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

butan-1-ol

4-methylpentan-2-one

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H318 Causes serious eye damage.
 H351 Suspected of causing cancer.
 H336 May cause drowsiness or dizziness.

· 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.

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/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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

regulations.

Other hazards

· Results of PBT and vPvB assessment

PBT: Not applicable.vPvB: Not applicable.

3 Composition/information on ingredients

- · Mixtures
- **Description:** Mixture of substances listed below with nonhazardous additions.

(Contd. on page 3)



Page 3/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

		(Contd. of page
Dangerous compor	nents:	
CAS: 115-10-6 EINECS: 204-065-8	dimethyl ether Flam. Gas 1A, H220; Press. Gas (Comp.), H280	>25–≤50%
CAS: 108-10-1 EINECS: 203-550-1	4-methylpentan-2-one Flam. Liq. 2, H225; Carc. 2, H351; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 ATE: LC50/4 h inhalative: 11 mg/l	≥20–≤25%
CAS: 71-36-3 EINECS: 200-751-6	butan-1-ol ♦ Flam. Liq. 3, H226; ♦ Eye Dam. 1, H318; ♦ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	10%
CAS: 123-42-2 EINECS: 204-626-7	4-hydroxy-4-methylpentan-2-one ♦ Flam. Liq. 3, H226; ♦ Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 10 %	10%
CAS: 64-17-5 EINECS: 200-578-6	ethanol Flam. Liq. 2, H225	>2.5–≤10%
CAS: 78-93-3 EINECS: 201-159-0	butanone ♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	>2.5–<10%
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate The property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property is a second of the property in the property in the property in the property is a second of the property in the p	>2.5–≤10%
CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate The Flam. Liq. 2, H225; Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	>2.5-<10%

[•] Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

- GE



Page 4/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 3)

5 Firefighting measures

- · Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:

Use neutralising agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· 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.

7 Handling and storage

· Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

- Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- · Specific end use(s) No further relevant information available.

GB



Page 5/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 4)

	trol parameters
	edients with limit values that require monitoring at the workplace:
	10-6 dimethyl ether
WEI	Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm
108.	10-1 4-methylpentan-2-one
	Short-term value: 416 mg/m³, 100 ppm
V V L I	Long-term value: 208 mg/m³, 50 ppm
	Sk, BMGV
71-3	6-3 butan-1-ol
WEI	Short-term value: 154 mg/m³, 50 ppm
	Sk
	42-2 4-hydroxy-4-methylpentan-2-one
WEI	Short-term value: 362 mg/m³, 75 ppm
04.4	Long-term value: 241 mg/m³, 50 ppm
	7-5 ethanol
	Long-term value: 1920 mg/m³, 1000 ppm
	3-3 butanone
VV⊟I	Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm
	Sk, BMGV
123-	86-4 n-butyl acetate
	Short-term value: 966 mg/m³, 200 ppm
	Long-term value: 724 mg/m³, 150 ppm
141	78-6 ethyl acetate
WEI	Short-term value: 1468 mg/m³, 400 ppm
	Long-term value: 734 mg/m³, 200 ppm
Ingr	edients with biological limit values:
108-	10-1 4-methylpentan-2-one
BMC	GV 20 μmol/L
	Medium: urine
	Sampling time: post shift Parameter: 4-methylpentan-2-one
78-9	3-3 butanone
	SV 70 µmol/L
٠,٧١٠	Medium: urine



Page 6/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 5)

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

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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.

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



Tightly sealed goggles

GB



Page 7/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 6)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

Physical state
Colour:
Odour:
Odour-like
Odour threshold:
Melting point/freezing point:

Aerosol
Colourless
Solvent-like
Not determined.
Undetermined.

Boiling point or initial boiling point and boiling

range Not applicable, as aerosol.

• Flammability Not applicable.

Lower and upper explosion limit

· **Lower:** Not determined. · **Upper:** Not determined.

· Flash point: Not applicable, as aerosol.

Decomposition temperature: Not determined.

· pH

Mixture is non-polar/aprotic.

· Viscosity:

Kinematic viscosityDynamic:Not determined.Not determined.

· Solubility

water: Not miscible or difficult to mix.

Partition coefficient n-octanol/water (log value) Not determined.
 Vapour pressure: Not determined.

Density and/or relative density

Density at 20 °C: 0.85 g/cm³
 Relative density Not determined.
 Bulk density: 850 kg/m³
 Vapour density Not determined.

· Other information

· Appearance:

· Form: Aerosol

· Important information on protection of health

and environment, and on safety.

· **Ignition temperature:** Product is not selfigniting.

Explosive properties: Not determined.

· Solvent content:

• Organic solvents: 90.0 % • VOC (EC) 90.00 %

· Change in condition

· Evaporation rate Not applicable.

(Contd. on page 8)



Page 8/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

	(Contd. of page 7)
· Information with regard to physical hazard	
classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised
	container: May burst if heated.
Oxidising gases	Void
Gases under pressure	Void
· Flammable liquids	Void
· 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

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · 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 rel	evant for classification:
ATE (Acu	te Toxicity	y Estimates)
Oral	LD50	7,900 mg/kg (rat)
Inhalative	LC50/4 h	41.5–83 mg/l (ATE)

(Contd. on page 9)



Page 9/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

			(Contd. of pag
115-10-6	•		
		308 mg/l (rat)	
108-10-1	4-methylp	entan-2-one	
Oral	LD50	2,080 mg/kg (rat)	
Dermal	LD50	16,000 mg/kg (rab)	
Inhalative	LC50/4 h	11 mg/l (ATE)	
		8.3–16.6 mg/l (rat)	
71-36-3 b	utan-1-ol		
Oral	LD50	790 mg/kg (rat)	
Dermal	LD50	3,400 mg/kg (rabbit)	
Inhalative	LC50/4 h	8,000 mg/l (rat)	
123-42-2	4-hydroxy	-4-methylpentan-2-one	
Oral	LD50	4,000 mg/kg (rat)	
Dermal	LD50	13,630 mg/kg (rab)	
64-17-5 et	hanol		
Oral	LD50	7,060 mg/kg (rat)	
Inhalative	LC50/4 h	20,000 mg/l (rat)	
78-93-3 b	utanone		
Oral	LD50	3,300 mg/kg (rat)	
Dermal	LD50	5,000 mg/kg (rabbit)	
123-86-4 ו	n-butyl ac		
Oral	LD50	13,100 mg/kg (rat)	
Dermal	LD50	>5,000 mg/kg (rabbit)	
Inhalative	LC50/4 h	>21 mg/l (rat)	
141-78-6	•		
Oral	LD50	5,620 mg/kg (rabbit)	
Inhalative	LC50/4 h	1,600 mg/l (rat)	
· Serious e · Carcinog · STOT-sin	ye damag enicity Su gle expos	ation Causes skin irritation. e/irritation Causes serious eye damage. spected of causing cancer. ure May cause drowsiness or dizziness.	
Information		er nazards ng properties	
78-93-3 b	•	ng properties	Lis

GB-



Page 10/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 9)

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- · Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation

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

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

· UN number or ID number		
· ADR, IMDG, IATA	UN1950	
· UN proper shipping name		
ADR	1950 AEROSOLS	
·IMDG	AEROSOLS	
·IATA	Aerosols, flammable	

(Contd. on page 11)



Page 11/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 10) · Transport hazard class(es) · ADR 2 5F Gases. · Class · Label 2.1 · IMDG, IATA · Class 2.1 Gases. · Label 2.1 · Packing group · ADR, IMDG, IATA not regulated · Environmental hazards: Not applicable. · Special precautions for user Warning: Gases. · Hazard identification number (Kemler code): -· EMS Number: F-D,S-U · Stowage Code SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. · Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class · Maritime transport in bulk according to IMO instruments Not applicable.

(Contd. on page 12)

Page 12/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

(Contd. of page 11)

· Transport/Additional information:

· ADR

· Limited quantities (LQ) 1L · Excepted quantities (EQ) Code: E0

Not permitted as Excepted Quantity

· Transport category 2
· Tunnel restriction code

· IMDG

Limited quantities (LQ)Excepted quantities (EQ)Code: E0

Not permitted as Excepted Quantity

· UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15 Regulatory information

- · 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

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

- Directive 2012/18/EU
- \cdot Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

· Relevant phrases

H220 Extremely flammable gas.

(Contd. on page 13)



Page 13/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 07.06.2024 Version number 2.0 (replaces version 1.0) Revision: 07.06.2024

Trade name: Mr SUPER CLEAR GLOSS (Aerosol)

* Data compared to the previous version altered.

(Contd. of page 12) H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H280 Contains gas under pressure; may explode if heated. Harmful if swallowed. H302 H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. EUH066 Repeated exposure may cause skin dryness or cracking. · Department issuing SDS: Hobby Department · Contact: -· Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols - Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas 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 Carc. 2: Carcinogenicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

GB