

Safety data sheet
according to 1907/2006/EC, Article 31

SAMBOL

Printing date 04.01.2017

Version number 2

Revision: 04.01.2017

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

- **1.1 Product identifier**
- **Trade name: Coin Dipping Bath for BiColor**
- **Article number:** 0255-7
- **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** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Sambol-IBS GmbH
Walter-Schellenberg-Str. 6
78315 Radolfzell
Competent person acc. to Regulation (EC) No. 1907/2006:
Telefon: +49-(0)7732 5 65 69
Fax: +49-(0)7732 4627
kontakt@sambol.de
- **Further information obtainable from:**
Mr Sambol
Telefon: +49-(0)7732 5 65 69; Fax: +49-(0)7732 4627
- **1.4 Emergency telephone number:**
Between the usual hours of business:
Monday - Thursday, between 8.00 - 12.00 o'clock
and between 13.00 - 16.00 o'clock
Friday, between 8.00 - 12.00 o'clock
Tel.: +49(0)7732 5 65 69

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
 - **Description:** Mixture of substances listed below with nonhazardous additions.
 - **Dangerous components:**
- | | | |
|--------------------------------|---|------|
| CAS: 544-60-5 | Ammonium Oleate | 3-7% |
| EINECS: 208-873-1 | Eye Irrit. 2, H319 | |
| CAS: 67-63-0 | propan-2-ol | 3-7% |
| EINECS: 200-661-7 | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 | |
| Index number: 603-117-00-0 | | |
| Reg.nr.: 01-2119457558-25-XXXX | | |
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**
 - **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Rinse with warm water.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Information for doctor:**
Treat according to symptoms (decontamination, vital functions), no known specific antidote.
- **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.
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information**
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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 product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to penetrate the ground/soil.
In case of seepage into the ground inform responsible authorities.
- **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 item 13.
For large amounts: Pump off product.
- **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.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
The shelf life stated on the label is subject to correct storage of the product.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
 - **8.1 Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **DNELs**
-
- | | |
|----------------------------|---|
| 67-63-0 propan-2-ol | |
| Oral | DNEL Langzeit, systemische Wirkung 26 mg/kg bw/d (general population) |
| Dermal | DNEL Langzeit, systemische Wirkung 888 mg/kg bw/d (worker) |
| | 319 mg/kg bw/d (general population) |
| Inhalative | DNEL Langzeit, systemische Wirkung 500 mg/m ³ (worker) |
| | 89 mg/m ³ (general population) |
- **PNECs**
-
- | | |
|----------------------------|--|
| 67-63-0 propan-2-ol | |
| PNEC - Aquatic | 2251 mg/l (sewage treatment plant) |
| | 140.9 mg/l (water (marine water)) |
| | 140.9 mg/l (water (freshwater)) |
| | 140.9 mg/l (water (intermittent releases)) |
| PNEC -sediment | 552 mg/kg dw (sediment marine water) |
| | 552 mg/kg dw (sediment freshwater) |
| PNEC - Soil | 28 mg/kg dw (soil) |
- **Additional information:** The lists valid during the making were used as basis.
 - **8.2 Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:**
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
 - **Respiratory protection:** Not necessary if room is well-ventilated.
 - **Protection of hands:** Rubber gloves or plastic gloves recommended during refilling.
 - **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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **Eye protection:** Goggles recommended during refilling

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- **Body protection:**
Choose personal protective equipment according to activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to DIN-EN 465).

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:	Fluid
· Colour:	Colourless
· Odour:	Product specific
· Odour threshold:	Not determined.

· **pH-value at 20 °C:** 10.5

· Change in condition

· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	100 °C

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· Ignition temperature:

· **Decomposition temperature:** Not determined.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· Explosion limits:

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

· **Vapour pressure at 20 °C:** 23 hPa

· **Density:** Not determined.

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· Viscosity:

· Dynamic:	Not determined.
· Kinematic:	Not determined.

· Solvent content:

· Organic solvents:	3.9 %
· VOC (EC)	3.90 %

· **9.2 Other information** No further relevant information available.

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 and stored according to specifications.

· 10.3 Possibility of hazardous reactions

No dangerous reactions if handled and stored according to regulations and instructions.

· **10.4 Conditions to avoid** No further relevant information available.

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- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
None if used correctly.
Concerning decomposition products in the event of fire, see Chapter 5.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values relevant for classification:**
-
- 67-63-0 propan-2-ol**
- Oral LD 50 5840 mg/kg (rat) (OECD - Prüfrichtlinie 401)
- Dermal LD 50 > 12800 mg/kg (rabbit) (OECD Prüfrichtlinie 402)
- Inhalative LC 50 (6h) > 25 mg/l (rat) (OECD Prüfrichtlinie 403)
- **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.
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
-
- 67-63-0 propan-2-ol**
- Oral NOAEL (Teratogenität) 400 mg/kg KG/Tag (rat) (OECD 414)
- NOAEL (Reproduktionstoxizität) 500 mg/kg KG/Tag (Ratte (Eltern)) (OECD 415)
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
-
- 67-63-0 propan-2-ol**
- LC 50 (24h) 9714 mg/l (Daphnia magna) (OECD 202)
- LC 50 (96h) 9640 mg/l (Pimephales promelas) (OECD 203)
- LC 50 (48h) 8970 mg/l (Leuciscus idus)
- EC 10 (18h) 5175 mg/l (Pseudomonas putida) (DIN 38412)
- EC 50 (48h) 13299 mg/l (Daphnia magna)
- **12.2 Persistence and degradability** No further relevant information available.
 - **Biodegradability**
-
- 67-63-0 propan-2-ol**
- Biolog. Abbaubarkeit (21d) 95 % (OECD 301 E)
- 99.9 % (OECD 303 A)
- **12.3 Bioaccumulative potential**
-
- 67-63-0 propan-2-ol**
- BCF 0.19 (Klu)
- **12.4 Mobility in soil** No further relevant information available.
 - **Additional ecological information:**
 - **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.
 - **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

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- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must be specially treated adhering to official regulations.

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

· Waste disposal key:

The mentioned waste codes are recommendations based on the product application as suggested by the manufacturer. Special applications and special disposal conditions at the applier's place may however require another waste code.

· European waste catalogue

11 01 98* other wastes containing hazardous substances

11 01 11* aqueous rinsing liquids containing hazardous substances

16 03 03* inorganic wastes containing hazardous substances

· Uncleaned packaging:

- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number

· ADR, ADN, IMDG, IATA Void

· 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA Void

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA

· Class Void

· 14.4 Packing group

· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

· Marine pollutant: No

· 14.6 Special precautions for user Not applicable.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

· **Transport/Additional information:** Not dangerous according to the above specifications.

· **UN "Model Regulation":** Void

SECTION 15: Regulatory information

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

No further relevant information available.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not 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.

· Relevant phrases

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

- **Contact:** Mr Sambol Tel. +49-(0)7732 5 65 69

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· Abbreviations and acronyms:

ADR: Accord européen sur le transport 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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· * Data compared to the previous version altered.

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