

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 29.09.2021



Version number 5

Revision: 29.09.2021

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

- **1.1 Product identifier**
- **Trade name: SHERASTUMPFLACK**
- **Article number:**  
962101  
962201  
962301  
962401
- **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:** Paint
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
SHERA Werkstoff-Technologie GmbH & Co. KG  
Espohlstraße 53  
D-49448 Lemförde  
GERMANY  
sdb@shera.de  
+ 49 (0) 54 43 . 99 33 . 0
- **Further information obtainable from:** Department of product security.
- **1.4 Emergency telephone number:**  
Gif tinformationszentrum-Nord: +49 (0) 551-19240  
(Information in german or english)

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008:**  
Flam. Liq. 2 H225      Highly flammable liquid and vapour.  
Eye Irrit. 2 H319      Causes serious eye irritation.  
STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms:**  
   
GHS02    GHS07
- **Signal word:** Danger
- **Hazard-determining components of labelling:**  
butanone  
pentan-3-one  
n-butyl acetate
- **Hazard statements:**  
H225      Highly flammable liquid and vapour.  
H319      Causes serious eye irritation.  
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
- **Precautionary statements:**  
P210      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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- P262 Do not get in eyes, on skin, or on clothing.  
 P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

- **Additional information:**

- EUH066 Repeated exposure may cause skin dryness or cracking.

- **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 listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3	butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	25-50%
CAS: 96-22-0 EINECS: 202-490-3 Index number: 606-006-00-5	pentan-3-one Flam. Liq. 2, H225; STOT SE 3, H335-H336, EUH066	25-50%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336, EUH066	10-25%

- **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:** Take affected persons out into the fresh air.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Wash with water and soap.

- **After eye contact:**

- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

- Rinse out mouth and then drink plenty of water.

- If symptoms persist consult doctor.

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

- No further relevant information available.

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

- No further relevant information available.

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, 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.

### 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).  
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** Keep receptacles tightly sealed.
- **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:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Stehende Lagerung.
- **Storage class:**  
3 - Flammable liquids (as defined by the Chemical Industry Association (VCI, Verband der chemischen Industrie e.V.))
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

#### 78-93-3 butanone

WEL (Great Britain)	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm Sk, BMGV
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AGW (Germany)	Long-term value: 600 mg/m <sup>3</sup> , 200 ppm 1(I);DFG, EU, H, Y
<b>96-22-0 pentan-3-one</b>	
WEL (Great Britain)	Short-term value: 895 mg/m <sup>3</sup> , 250 ppm Long-term value: 716 mg/m <sup>3</sup> , 200 ppm
<b>123-86-4 n-butyl acetate</b>	
WEL (Great Britain)	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
AGW (Germany)	Long-term value: 300 mg/m <sup>3</sup> , 62 ppm 2(I);Y, AGS

• **Ingredients with biological limit values:**

<b>78-93-3 butanone</b>	
BMGV (Great Britain)	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one
BGW (Germany)	5 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: 2-Butanon

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

• **8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see item 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.  
Avoid contact with the eyes and skin.

• **Respiratory protection:**

Not necessary if room is well-ventilated.  
Use suitable respiratory protective device in case of insufficient ventilation.

• **Hand protection**



Protective gloves

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

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· **Eye/face protection**



Tightly sealed goggles

#### SECTION 9: Physical and chemical properties

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

· **General Information**

· <b>Colour:</b>	Different, depending on coloring
· <b>Odour:</b>	characteristic
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	79 °C
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	1.2 Vol %
· <b>Upper:</b>	11.5 Vol %
· <b>Flash point:</b>	-4 °C
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	105 hPa
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.9 g/cm <sup>3</sup>

· **9.2 Other information**

· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	370 °C
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air / vapour mixtures are possible.

· **Information with regard to physical hazard classes**

· <b>Explosives</b>	Void.
· <b>Flammable gases</b>	Void.
· <b>Aerosols</b>	Void.
· <b>Oxidising gases</b>	Void.
· <b>Gases under pressure</b>	Void.
· <b>Flammable liquids</b>	Highly flammable liquid and vapour.
· <b>Flammable solids</b>	Void.
· <b>Self-reactive substances and mixtures</b>	Void.
· <b>Pyrophoric liquids</b>	Void.
· <b>Pyrophoric solids</b>	Void.

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- |  |       |
|--|-------|
| · <b>Self-heating substances and mixtures</b>                                      | Void. |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void. |
| · <b>Oxidising liquids</b>   | Void. |
| · <b>Oxidising solids</b>  | Void. |
| · <b>Organic peroxides</b>   | Void. |
| · <b>Corrosive to metals</b>   | Void. |
| · <b>Desensitised explosives</b>   | Void. |

#### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No data available.
- **10.2 Chemical stability** No data available.
- **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.

#### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity:** No data available.

##### · LD/LC50 values relevant for classification:

###### 78-93-3 butanone

Oral	LD50	3,300 mg/kg (Rat)
Dermal	LD50	5,000 mg/kg (Rabbit)

###### 96-22-0 pentan-3-one

Oral	LD50	2,140 mg/kg (Rat)
Dermal	LD50	20,000 mg/kg (Rabbit)

###### 123-86-4 n-butyl acetate

Oral	LD50	13,100 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	>21 mg/l (Rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **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**  
May cause respiratory irritation. May cause drowsiness or dizziness.
- **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.

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- 11.2 Information on other hazards

- Endocrine disrupting properties

78-93-3 butanone

List II

### SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

**78-93-3 butanone**

EC50/48 h &gt;100 mg/l (Daphnia (Daphnia magna))

LC50/48 h &gt;100 my (Leuciscus idus (golden orfe))

**123-86-4 n-butyl acetate**

EC50/48 h 44 mg/l (Daphnia)

EC50/24 h 73 mg/l (Daphnia)

EC50/72 h 674.7 mg/l (Algae)

EC50/16 h 115 mg/l (Pseudomonas putida)

NOEC 200 mg/l (Algae)

- 12.2 Persistence and degradability No further relevant information available.

- 12.3 Bioaccumulative potential No further relevant information available.

- 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 (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.

### 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.

- Waste disposal key:

The waste disposal code as prescribed in the European Waste Catalogue (EWC) depends on the waste producer and can thus vary for a product. The waste disposal code should thus be obtained separately from the waste producer in each case.

- Uncleaned packaging:

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

### SECTION 14: Transport information

- 14.1 UN number or ID number

ADR, IMDG, IATA

UN1263

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- **14.2 UN proper shipping name**

- **ADR** 1263 PAINT
- **IMDG, IATA** PAINT

- **14.3 Transport hazard class(es)**

- **ADR, IMDG, IATA**



- **Class** 3 Flammable liquids.
- **Label** 3

- **14.4 Packing group**

- **IMDG, IATA** II

- **14.5 Environmental hazards:**

- **Marine pollutant:** No.

- **14.6 Special precautions for user**

- **Hazard identification number (Kemler code):** Warning: Flammable liquids.
- **EMS Number:** 33
- **Stowage Category:** F-E, S-E
- **Stowage Category:** B

- **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

- **Transport/Additional information:**

- **ADR**

- **Excepted quantities (EQ):** E2
- **Limited quantities (LQ):** 5L
- **Excepted quantities (EQ):** Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml
- **Transport category:** 2
- **Tunnel restriction code:** D/E
- **Remarks:** LQ: Maximum 30 kg per package (carton), apply the %hombus with black corners+label onto the carton.

- **IMDG**

- **Limited quantities (LQ):** 5L
- **Excepted quantities (EQ):** Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml

- **UN "Model Regulation":**

UN1263, PAINT, 3

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **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

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- **National regulations:**
- **Information about limitation of use:**  
Employment restrictions concerning juveniles must be observed.  
Employment restrictions concerning pregnant and lactating women must be observed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of product properties and do not constitute the basis for a contractual legal relationship. The details must not be changed or transferred to other products. Duplication in an unchanged state is permissible.

- **Relevant phrases**

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.

- **Department issuing SDS:** Department of product security.

- **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)  
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  
Flam. Liq. 3: Flammable liquids . Category 3  
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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