

## SAFETY DATA SHEET

[info@deffner-johann.de](mailto:info@deffner-johann.de) | +49 (0)9723 9350-0

Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **JunFunori® (4194)**  
Revision date : 05.06.2015  
Print date : 04.04.2017

Version : 1.0.0

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

**1.1 Product identifier**

JunFunori® (4194)

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

Water-soluble polysaccharide for the preservation and restoration of art and cultural assets

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer / Supplier :** Lascaux Colours & Restauro, Barbara Diethelm AG

**Street :** Zürichstrasse 42

**Postal code/city :** CH-8306 Brüttisellen

**Telephone :** +41 44 807 41 41

**Telefax :** +41 44 807 41 40

**Information contact :** info@lascaux.ch

**European address :** Lascaux Colours & Restauro Europe GmbH

**Street :** Turmstrasse 11

**Postal code/city :** D-78467 Konstanz

**Telephone :** +49 7531 911 3996

**Telefax :** +49 7531 911 3997

**Information contact :** info@lascaux.de

**1.4 Emergency telephone number**

Tox Info Suisse, 24-h-emergency number 145, Tel. +41 44 251 51 51

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

None

**2.2 Label elements**

None

**2.3 Other hazards**

None

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

**3.2 Mixtures**

**Hazardous ingredients**

None

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **JunFunori® (4194)**  
Revision date : 05.06.2015  
Print date : 04.04.2017

Version : 1.0.0

**Following inhalation**

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

**In case of skin contact**

Wash away with soap and water and rinse. Do NOT use solvents or thinners.

**After eye contact**

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

**After ingestion**

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

**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**

None

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

**Unsuitable extinguishing media**

Waterjet.

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

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

**5.3 Advice for firefighters**

**Special protective equipment for firefighters**

Appropriate breathing apparatus may be required.

**5.4 Additional information**

Do not allow the quenching water into the sewage system.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from ignition sources and provide for good ventilation. Refer to protective measures listed in sections 7 and 8.

**6.2 Environmental precautions**

If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

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

**For cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

**6.4 Reference to other sections**

None

**SECTION 7: Handling and storage**

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **JunFunori® (4194)**  
Revision date : 05.06.2015  
Print date : 04.04.2017

Version : 1.0.0

## 7.1 Precautions for safe handling

Do not eat or drink during work - no smoking. Comply with the health and safety at work laws. For personal protection see Section 8.

## 7.2 Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

No particular measures required.

### Hints on joint storage

**Storage class ( D ) :** 13

**Storage class (TRGS 510) ( D ) :** 13

### Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep containers dry and cool. Comply with the health and safety at work laws.

## 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

Wear protective glasses in case of splashes.

##### Skin protection

###### Body protection

After skin contact wash thoroughly with soap and water or use recognised skin cleanser. Do Not use solvents or thinners.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state :** Powder.

**Colour :** White.

#### Odour

Odourless.

#### Safety relevant basis data

**Melting point/melting range :** > 90 °C

**Initial boiling point and boiling range :** ( 1013 hPa ) not applicable

**Flash point :** No data available

**Density :** ( 20 °C ) No data available

**pH :** 6,0 – 8,0

**Viscosity :** ( 20 °C ) No data available

### 9.2 Other information

None

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **JunFunori® (4194)**  
Revision date : 05.06.2015  
Print date : 04.04.2017

Version : 1.0.0

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

No information available.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

### 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

No information available.

### 12.6 Other adverse effects

No information available.

### 12.7 Additional ecotoxicological information

There are no data available on the product itself.

## SECTION 13: Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

### 13.1 Waste treatment methods

#### Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

08 01 12: Waste paint and varnish other than those mentioned in 08 01 11.

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : **JunFunori® (4194)**  
Revision date : 05.06.2015  
Print date : 04.04.2017

Version : 1.0.0

**SECTION 14: Transport information**

**14.1 UN number**

No dangerous good in sense of these transport regulations.

**14.2 UN proper shipping name**

No dangerous good in sense of these transport regulations.

**14.3 Transport hazard class(es)**

No dangerous good in sense of these transport regulations.

**14.4 Packing group**

No dangerous good in sense of these transport regulations.

**14.5 Environmental hazards**

No dangerous good in sense of these transport regulations.

**14.6 Special precautions for user**

None

**SECTION 15: Regulatory information**

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

**National regulations**

U.S.A. Conforms to ASTM D-4236. "No health labeling required"

**Water hazard class (WGK)**

Class ( D ) : nwg (Non-hazardous to water) Classification according to VwVwS

**15.2 Chemical safety assessment**

No information available.

**SECTION 16: Other information**

**16.1 Indication of changes**

None

**16.2 Abbreviations and acronyms**

None

**16.3 Key literature references and sources for data**

None

**16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

No information available.

**16.5 Relevant H- and EUH-phrases (Number and full text)**

None

**16.6 Training advice**

None

**16.7 Additional information**

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

**Safety Data Sheet**  
**according to Regulation (EC) No. 1907/2006 (REACH)**



**Trade name :** JunFunori® (4194)  
**Revision date :** 05.06.2015  
**Print date :** 04.04.2017

**Version :** 1.0.0

---

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---