

SAFETY DATA SHEET**OCC staining solution****EU3293**

According to EC Directive (EC) No. 1907/2006 (No. 878/2020)

Preparation Date: 11-Jul-2022

Revision Date: Not applicable

Revision Number:

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product Identifier**

Product Name OCC staining solution
UFI: T5T0-E0SA-E00X-NDKP

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

Recommended use Analytical reagent
Uses advised against Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Contact Manufacturer	Supplier
DeLaval N.V. Industriepark-Drongen 10 Gent Belgium Tel. +32 9 280 91 21 Email MSDS.EU@delaval.com	DeLaval Inc. Rue Secant Street d'Anjou, Quebec H1J 1S5 Canada Tel. 705-741-3100

1.4. Emergency Telephone Number

Emergency Telephone Number (613) 996-6666 (Canutec)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to REGULATION (EC) No 1272/2008

For the full text of the H phrases mentioned in this Section, see Section 16

Serious eye damage/eye irritation	Category 2. (H319)
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2.2. Label Elements

Labeling according to REGULATION (EC) No 1272/2008

Hazard Pictogram(s)



Signal word

WARNING

Hazard statements

H319 - Causes serious eye irritation

Precautionary statements

P102 - Keep out of reach of children
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

2.3. Other hazards

This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB) ($\geq 0.1\%$)

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT) ($\geq 0.1\%$)

This product does not contain any known or suspected endocrine disruptors ($\geq 0.1\%$)

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixture

Chemical nature of the preparation.

Chemical name	EC No	Weight-%	EU - GHS Substance Classification	Specific concentration limit (SCL)	M-Factor (acute)	M-Factor (chronic)	Reach Registration Number
Alcohols, C9-11, ethoxylated 68439-46-3	polymer	2 - 5	Ac tox. 4 (H302) Eye dam. 1 (H318)	-	-	-	Exempt

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50
Alcohols, C9-11, ethoxylated 68439-46-3	> 300 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

Additional information

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

4. FIRST AID MEASURES

4.1. Description of first-aid measures.

General Advice	Get medical attention if symptoms occur. Remove from exposure, lie down. Take off contaminated clothing and shoes immediately.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Call a physician or Poison Control Center immediately. Do not induce vomiting.
Inhalation	Move to fresh air. If symptoms persist, call a physician. If breathing is difficult, give oxygen.

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

Acute Effects	According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.
Delayed Effects	None known.
Effects of overexposure	None known.

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

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Extinguishing media which must not be used for safety reasons	None.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	Heating or fire can release toxic gas.
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5.3. Advice for firefighters

Protective Equipment and Precautions for Firefighters	Cool containers / tanks with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Do not breathe vapours.
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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment. Evacuate personnel to safe areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Any action only if without personal risk.
Other Information	See Section 12 for more information

6.2. Environmental Precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

6.3. Methods and materials for containment and cleaning up

Pick up and transfer to properly labelled containers. Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

See Section 12 for more information
For personal protection see section 8
Section 13. Disposal considerations

7. HANDLING AND STORAGE

7.1. Precautions for Safe Handling**Handling**

Avoid contact with skin and eyes. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation.

General Hygiene Considerations

Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product.

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

Protect from sunlight and store in well-ventilated place. Keep at temperatures between 15 and 25°C. Store in original container.

7.3. Specific End Use(s)**Exposure Scenario**

Not applicable

Other Guidelines

Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical name	EU	United Kingdom	France	Spain	Germany
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m ³ Skin	TWA: 200 ppm STEL: 250 ppm TWA: 266 mg/m ³ STEL: 333 mg/m ³ Skin	TWA: 200 ppm TWA: 260 mg/m ³ STEL: 1000 ppm STEL: 1300 mg/m ³	Skin TWA: 200 ppm TWA: 266 mg/m ³	TWA: 200 ppm TWA: 270 mg/m ³ Peak: 800 ppm Peak: 1080 mg/m ³
Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m ³	STEL: 250 ppm TWA: 200 ppm TWA: 260 mg/m ³	Skin TWA: 133 mg/m ³ TWA: 100 ppm	TWA: 200 ppm TWA: 270 mg/m ³ STEL: 250 ppm STEL: 330 mg/m ³ Skin	TWA: 200 ppm TWA: 260 mg/m ³ Skin
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Methyl alcohol 67-56-1	Skin STEL: 800 ppm STEL: 1040 mg/m ³ TWA: 200 ppm TWA: 260 mg/m ³	Skin STEL: 800 ppm STEL: 1040 mg/m ³ TWA: 200 ppm TWA: 260 mg/m ³	STEL: 300 mg/m ³ TWA: 100 mg/m ³	TWA: 100 ppm TWA: 130 mg/m ³ Skin	TWA: 200 ppm TWA: 260 mg/m ³ STEL: 600 ppm STEL: 780 mg/m ³ Skin
Chemical name	Sweden	Bulgary	Estonia	Hungary	Croatia
Methyl alcohol 67-56-1	LLV: 200 ppm; 250 mg/m ³ STV 250 ppm; 350/m ³				

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment**Eye Protection**

Safety glasses with side-shields. (EN 166).

Skin Protection

Long sleeved clothing.

Hand Protection

Protective gloves

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental exposure controls

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties**Physical state**

Liquid

Appearance

Orange, Light red

Odor

Odorless

Odor Threshold

No information available

Property**Values****Melting Point/Range**

No data available

Boiling Point/Range

No data available

Upper flammability limit:

No data available

Upper Explosion Limit	No data available
Lower flammability limit:	No data available
Lower Explosion Limit	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Decomposition temperature	No data available
pH	6.5 - 6.9
Kinematic viscosity	No data available
Water Solubility	soluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Vapor Pressure	No data available
Relative Density	No data available
Relative vapor density	No data available
Particle characteristics	Not applicable
Specific Gravity	1.003 (25°C)

9.2. Other Information

Viscosity No data available

9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical Stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal use.

10.4. Conditions to Avoid

Keep away from children.

10.5. Incompatible Materials

Incompatible Materials No materials to be especially mentioned

10.6. Hazardous decomposition products

None under normal use.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute Toxicity**

Inhalation	No information available.
Eye contact	No information available.
Skin contact	No information available.
Ingestion	No information available.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alcohols, C9-11, ethoxylated	> 300 mg/kg (Rat)	> 2 g/kg (Rabbit)	

Rat (rat) Rabbit (rabbit)

Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation Irritating to eyes.

Respiratory or skin sensitization	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	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.

11.2. Information on other hazards**11.2.1. Endocrine disrupting properties**

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors ($\geq 0.1\%$).

11.2.2. Other information**12. ECOLOGICAL INFORMATION****12.1. Toxicity**

Ecotoxicity effects No information available.

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Alcohols, C9-11, ethoxylated	EC50 > 1- <= 10 mg/l	LC50 >1 - <= 10 mg/l	EC50 >100 mg/l (Bacteria)	

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. Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors ($\geq 0.1\%$).

12.7. Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Waste from Residues / Unused Products Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION**IMDG/IMO**

14.1. UN number or ID number	Not regulated
14.2. Proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing Group	Not regulated
14.5. Environmental hazard	None
14.6. Special Provisions	None
14.7. Maritime transport in bulk according to IMO instruments	No information available

ADR/RID

14.1. UN number or ID number	Not regulated
14.2. Proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing Group	Not regulated
14.5. Environmental hazard	None
14.6. Special Provisions	None

IATA/ICAO

14.1. UN number or ID number	Not regulated
14.2. Proper Shipping Name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
14.5. Environmental hazard	None
14.6. Special Provisions	None

15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU Legislations**

Reg.1907/2006-REACH

Reg. 878/2020 That modify REACH

Reg.1272/2008 On classification, packaging and labeling of dangerous substances and preparations

Dir. 2000/39/CE

Reg. 2016/918 (ATP 8 CLP)

International Inventories

All of the components in the product are on the following Inventory lists: U.S.A. (TSCA), Canada (DSL/NDSL), Australia (AICS), Korea (ECL), China (IECSC), Philippines (PICCS).**EINECS/ELINCS**

All components are listed or exempted

Legend

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances**15.2. Chemical Safety Assessment**

No data available

16. OTHER INFORMATION**Full text of H-Statements referred to under sections 2 and 3**

H302 - Harmful if swallowed

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

Key literature references and sources for datawww.ChemADVISOR.com/**Preparation Date:**

11-Jul-2022

Revision Note:**Disclaimer**

The information provided in this 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