

SAFETY DATA SHEET

Staining Solution (OCC kit)

Preparation Date: 25-Aug-2015
Revision Number: 4.1
Date of last revision: 16-Jun-2022

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Staining Solution (OCC kit)
Item#: AUS00003
Recommended use Analytical reagent
Uses advised against Restricted to professional users

Supplier DeLaval Pty. Ltd.
ACN 004 210 459,
37 Bayside Avenue,
Port Melbourne,
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Australia. +61-3-8336 7977,
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Emergency Telephone Number 131 126 (Poison Control Centre)

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Serious eye damage/eye irritation - Category 2

2.2. Label Elements

Hazard Pictogram(s)



Name of hazard pictogram(s) Exclamation mark

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

Note

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Alcohols, C9-11, ethoxylated	68439-46-3	1 - 10%
Tri-potassium citrate monohydrate	6100-05-6	0 - 1%
Citric acid monohydrate	5949-29-1	0 - 1%
3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenylphenanthridinium diiodide	25535-16-4	0 - 1%
Water	7732-18-5	> 60%

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin contact	Wash off with warm water and soap. If symptoms persist, call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Call a physician or Poison Control Center immediately.
Effects of overexposure	No information available
Indication of any immediate medical attention and special treatment needed	No information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available
Specific hazards arising from the chemical	Heating or fire can release toxic gas.
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.
Hazchem Code	No Hazchem Code allocated

6. ACCIDENTAL RELEASE MEASURES

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.
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.
Methods for cleaning up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Safe Handling Advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
Storage	Protect from sunlight and store in well-ventilated place. Keep at temperatures between 15 and 25°C. Store in original container.
Incompatible products	No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits	No exposure standard allocated
Biological standards	No biological limit allocated
Engineering Controls	Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection	Safety glasses with side-shields
Skin Protection	Long sleeved clothing, Boots
Hand Protection	Protective gloves
Respiratory Protection	No special protective equipment required.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink
Physical state	Liquid
Odor	Odorless
Odor Threshold	No information available
pH	No data available
Specific Gravity	No data available
Water Solubility	soluble
Vapor Pressure	No data available
Vapor Density	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Boiling Point/Range	100 °C
Melting Point/Range	No data available
Freezing Point/Range	No data available
Decomposition temperature	No information available
Flammability (solid, gas)	No information available
Explosion Limits	No information available
Evaporation Rate	No data available
Liquid Density	~1 g/ml
Relative Density	No data available
Solubility	No information available
Partition Coefficient (n-octanol/water)	No data available
Viscosity	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal use
Conditions to Avoid	No information available.
Incompatible Materials	No information available
Hazardous decomposition products	No information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

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

Component Analysis - LD50/LC50

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alcohols, C9-11, ethoxylated 68439-46-3	> 300 mg/kg (Rat)	> 2 g/kg (Rabbit)	
Water 7732-18-5	> 90 mL/kg (Rat)		

Potential Health Effects

Skin Corrosion/Irritation	No information available.
Serious eye damage/eye irritation	Irritating to eyes.
Respiratory or skin sensitization	No information available.
Mutagenic effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Not hazardous.
Aspiration Hazard	No information available.
Information on likely routes of exposure	No known significant effects or critical hazards
Early onset symptoms related to exposure (Immediate effects)	None known
Delayed health effects from exposure	none known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects	No information available.
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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)	

Persistence and degradability	No information available
Bioaccumulation/Accumulation	No information available.
Mobility	No information available.
Other adverse effects	No information available
Biodegradation	No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Can be landfilled, when in compliance with local regulations. Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal. Dispose of in accordance with local regulations.
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.

14. TRANSPORT INFORMATION

Not regulated

Road and Rail transport

UN-No	Not regulated
Proper Shipping Name	Not regulated
Technical name	Not regulated
Hazard Class	Not regulated
Packing Group	Not regulated
Environmental hazard	Not regulated
Special Precautions	Not regulated
Hazchem Code	No Hazchem Code allocated

IMDG/IMO

UN number or ID number	Not regulated
Proper shipping name	Not regulated
Technical name	Not regulated
Transport hazard class(es)	Not regulated
Packing Group	Not regulated
IMDG Marine Pollutant	Not regulated

IATA/ICAO

UN number or ID number	Not regulated
Proper Shipping Name	Not regulated
Technical name	Not regulated
Transport hazard class(es)	Not regulated
Packing group	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	No information available
Poison Schedule Number	Schedule 6

16. OTHER INFORMATION

Prepared By	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
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Reason for revision	Supplier Address.

Disclaimer

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