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Revision Number: 2.3
Revision Date: 27-Apr-2026
Date of Next Revision: 26-Apr-2031

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

Product Name	OCC Staining Solution
Item#:	NZ0021
Recommended use	Analytical reagent
Uses advised against	Restricted to professional users
Supplier	DeLaval Ltd, 82 Greenwood street, Hamilton New Zealand
Telephone Number	(07) 849-6020 (8am - 4:30pm Mon-Fri)
Emergency Telephone Number	0800 764 766 (National Poison Centre) 0800 243 622 CHEMCALL

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture according to GHS

Serious eye damage/eye irritation - Category 2

2.2. Label Elements

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Alcohols, C9-11, ethoxylated	68439-46-3	1 - 10%

4. FIRST AID MEASURES

Workplace Facilities	Eyewash bottle with clean water
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
Inhalation	Move to fresh air If symptoms persist, call a physician If breathing is difficult, give oxygen
Ingestion	Rinse mouth. Call a physician or Poison Control Center immediately. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Hazchem Code	No Hazchem Code allocated
Flammable Properties	No information available.
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.

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

Handling	Avoid contact with skin and eyes. Avoid breathing vapors or mists. Use only in area provided with appropriate exhaust ventilation.
Storage	Protect from sunlight and store in well-ventilated place. Keep at temperatures between 15 and 25°C. Store in original container.
Type of Container/Package	Store in original container

Handle and store according to AS/NZS Standards and the Responsible Care Management Systems: Managers Handbook.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Ensure adequate ventilation, especially in confined areas.
<u>Personal Protective Equipment</u>	
Eye/face Protection	Safety glasses with side-shields.
Skin Protection	Long sleeved clothing
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment.

General Hygiene Considerations

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Orange Light red
Physical state	Liquid
Odor	Odorless
Odor Threshold	No information available
pH	6.5 - 6.9
Melting Point/Range	No data available
Freezing Point/Range	No data available
Boiling Point/Range	No data available

Initial boiling point/range	No data available
Flash Point	No data available
Flammability (solid, gas)	No information available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative density	No data available
Solubility	No information available
Solubility in other solvents	No data available
Partition Coefficient (n-octanol/water)	No information available
Autoignition Temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available
Water Solubility	soluble
Specific Gravity	1.003 (25°C)

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	No materials to be especially mentioned
Hazardous decomposition products	None under normal use.

11. TOXICOLOGICAL INFORMATION

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

Component Information

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alcohols, C9-11, ethoxylated	> 300 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	

Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/eye irritation	Causes serious eye irritation
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	There are no known carcinogenic chemicals in this product.
Reproductive toxicity	Based on available data, the classification criteria are not met
Developmental Effects	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available.
Aspiration hazard	Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

Ecotoxicity
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)	

Persistence and degradability No information available

Bioaccumulation/Accumulation No information available.

Mobility No information available

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Hazchem Code No Hazchem Code allocated

15. REGULATORY INFORMATION

EPA Group Standard Reagent Kits Group Standard 2020 - HSR002647

HSNO Conditions
 Approved Handler trigger quantity: N/A
 Location Compliance certification trigger: N/A
 Response Plan trigger quantity: N/A
 Signage trigger quantity: N/A
 Secondary containment trigger quantity: N/A

EPA Reference Guidance to the changes introduced by the Health and Safety at Work (Hazardous Substances) Regulations 2017

16. OTHER INFORMATION

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Reason for revision	Update Section: 15 (+ HSR number, group standard, HSNO Conditions)
References	<ul style="list-style-type: none">- Hazardous Substances (Hazardous Classification) Notice 2020- Hazardous substances (Labelling) Notice 2017- Hazardous Substances (Safety Data Sheets) Notice 2017- European Agreement concerning the International Carriage of Dangerous Goods by Road- New Zealand Workplace Exposure Standards (WES)- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans- Chemical Classification and Information Database (CCID)

Disclaimer

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End of SDS