

SAFETY DATA SHEET

Cleaning Solution (OCC kit)

Preparation Date: 24-Aug-2015
Revision Number: 3.2
Date of last revision: 16-Jun-2022

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
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Product Name	Cleaning Solution (OCC kit)
Item#:	AUS00002
Recommended use	Analytical reagent
Uses advised against	Restricted to professional users

Supplier	DeLaval Pty. Ltd. ACN 004 210 459, 37 Bayside Avenue, Port Melbourne, VIC 3207, Australia. +61-3-8336 7977, Fax +61-3-8336 7900
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Emergency Telephone Number	131 126 (Poison Control Centre)
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2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Skin corrosion/irritation - Category 2
 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	H315 - Causes skin irritation 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

Signal words and pictograms are not required on labels for AgVet chemicals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium hypochlorite	7681-52-9	1 - 10%
Sodium hydroxide	1310-73-2	0 - 1%
Water	7732-18-5	> 60%

4. FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention.
Skin contact	Wash off immediately with plenty of water. If skin irritation persists, 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. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.
Effects of overexposure	No information available

Indication of any immediate medical attention and special treatment needed No information available

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use: Dry chemical. Carbon dioxide (CO₂). Water spray. alcohol-resistant foam.

Unsuitable Extinguishing Media No information available

Specific hazards arising from the chemical Heating or fire can release toxic gas. (. nitrogen oxides (NO_x). Sulphur oxides. Hydrogen chloride gas.).

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazchem Code 2R

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Safe Handling Advice Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist.

Storage Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Protect from light. Keep in properly labelled containers.

Incompatible products No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Chemical name	ES-TWA	ES-STEL	ES-Peak
Sodium hydroxide			2 mg/m ³

Biological standards

No biological limit allocated

Engineering Controls

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection

Goggles

Skin Protection

Long sleeved clothing, Boots, Rubber gloves

Hand Protection

Protective gloves

Respiratory Protection

Breathing apparatus needed only when aerosol or mist is formed.

Respirator Recommendation

Particulate filter

General Hygiene Considerations

When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Light yellow

Physical state

Liquid

Odor

Slight chlorine

Odor Threshold

No information available

pH

7

Specific Gravity

No data available

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

~1.05g/ml

Relative Density

No data available

Solubility

Soluble in water

Partition Coefficient

No data available

(n-octanol/water)

Viscosity

No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	Stable under normal conditions. Hazardous polymerization does not occur.
Possibility of hazardous reactions	None under normal use
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Materials	Acids, amines, alcohols, strong oxidizing agents
Hazardous decomposition products	Chlorine

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
Sodium hypochlorite 7681-52-9	= 8.91 g/kg (Rat)	10000 mg/kg (Rabbit)	
Sodium hydroxide 1310-73-2	2000 mg/Kg	1350 mg/kg	
Water 7732-18-5	> 90 mL/kg (Rat)		

Potential Health Effects

Skin Corrosion/Irritation	Irritating to skin.
Serious eye damage/eye irritation	Irritating to eyes.
Chronic Toxicity	Avoid repeated exposure
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

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium hypochlorite	0.095: 24 h Skeletonema costatum mg/L EC50	LC50 (96 h) 0.06 mg/l		0.033 - 0.044: 48 h Daphnia magna mg/L EC50 Static 2.1: 96 h Daphnia magna mg/L EC50
Sodium hydroxide		LC 50 (96 h) 45.4 mg/l (Oncorhynchus mykiss)		EC50 (48h): 40.4 mg/l (Ceriodaphnia dubia)

Persistence and degradability No information available

Bioaccumulation/Accumulation No information available.

Mobility Will likely be mobile in the environment due to its water solubility.

Other adverse effects No information available

Biodegradation No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

Personal precautions Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment.

14. TRANSPORT INFORMATION

Road and Rail transport

UN-No	3266
Proper Shipping Name	Corrosive liquid, basic, inorganic, n.o.s (Sodium hypochlorite)
Technical name	sodium hypochlorite
Hazard Class	8
Packing Group	III
Environmental hazard	Not regulated
Special Precautions	Not regulated
Hazchem Code	2R

IMDG/IMO

UN number or ID number	3266
Proper shipping name	3266 - Corrosive liquid, basic, inorganic, n.o.s (Sodium hypochlorite)
Technical name	sodium hypochlorite
Transport hazard class(es)	8
Packing Group	III
IMDG Marine Pollutant	Not regulated

IATA/ICAO

UN number or ID number	3266
Proper Shipping Name	3266 - Corrosive liquid, basic, inorganic, n.o.s (Sodium hypochlorite)
Technical name	Sodium hypochlorite
Transport hazard class(es)	8
Packing group	III

15. REGULATORY INFORMATION

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

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

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End of SDS