

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

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

1.1. Product identifier

neodisher LaboClean A 8

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

Identified Uses

PC35

Washing and cleaning products (including solvent based products)

1.3 Details of the Australian Importer

Address:

gke Australia
12/22 Lexington Drive,
Bella Vista NSW,
Australia 2153

Business Telephone Number: 1300 889 201

Emergency Telephone Number: Poisons Information Centre
13 11 26

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Met. Corr. 1	H290
Skin Corr. 1A	H314
Eye Dam. 1	H318
STOT SE 3	H335
Aquatic Chronic 2	H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains sodium hydroxide; disodium metasilicate

Supplemental information

Further supplemental information

Contact with acids liberates toxic gas.

2.3. Other hazards

The product contains no PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

disodium metasilicate pentahydrate

CAS No.	10213-79-3			
EINECS no.	229-912-9			
Registration no.	01-2119449811-37			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)				
	Skin Corr. 1B		H314	
	STOT SE 3		H335	
	Eye Dam. 1		H318	
	Met. Corr. 1		H290	

sodium hydroxide

CAS No.	1310-73-2			
EINECS no.	215-185-5			
Registration no.	01-2119457892-27			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)				
	Met. Corr. 1		H290	
	Skin Corr. 1A		H314	
	Eye Dam. 1		H318	

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319	>= 0.5 < 2
Skin Corr. 1A	H314	>= 5
Skin Corr. 1B	H314	>= 2 < 5
Skin Irrit. 2	H315	>= 0.5 < 2

Sodium carbonate

CAS No.	497-19-8
EINECS no.	207-838-8

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

Registration no. 01-2119485498-19
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Eye Irrit. 2 H319

troclosene sodium

CAS No. 2893-78-9
EINECS no. 220-767-7
Registration no. 01-2119489371-33
Concentration ≥ 1 < 5 %
Classification (Regulation (EC) No. 1272/2008)
Ox. Sol. 2 H272
Acute Tox. 4 H302
Eye Irrit. 2 H319
STOT SE 3 H335
Aquatic Acute 1 H400
Aquatic Chronic 1 H410

Concentration limits (Regulation (EC) No. 1272/2008)
STOT SE 3 H335 ≥ 10 %
EUH031 ≥ 10 %
CLP Regulation (EC) No 1272/2008, Annex VI, Note G

Other information

Complete text of hazard statements in chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value > 0 °C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

Storage classes

Storage class according to 8B Non-combustible corrosive hazardous substances
TRGS 510

Further information on storage conditions

Protect from direct sunlight.

7.3. Specific end use(s)

no data

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

sodium hydroxide

List	EH40	
Type	WEL	
Short term exposure limit	2	mg/m ³
Status: 2011		

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Particle filter P2

Hand protection

Chemical resistant gloves

Use	Permanent hand contact	
Appropriate Material	neoprene	
Material thickness	>= 0,65	mm
Breakthrough time	> 480	min
Appropriate Material	butyl	
Material thickness	>= 0,7	mm
Breakthrough time	> 480	min
Appropriate Material	nitrile	
Material thickness	>= 0,4	mm
Breakthrough time	> 480	min
Use	Short-term hand contact	
Appropriate Material	nitrile	
Material thickness	>= 0,11	mm
Hand protection must comply with EN 374.		

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid
Colour	white
Odour	characteristic

Odour threshold

Remarks	not determined
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pH value

Value	appr. 14	
Concentration/H ₂ O	10	%

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

Melting point

Remarks not determined

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Remarks Not applicable

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

evaluation not determined

Upper/lower flammability or explosive limits

Remarks Not applicable

Vapour pressure

Remarks not determined

Vapour density

Remarks not determined

Density

Remarks not determined

Solubility in water

Remarks soluble

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks not determined

Viscosity

Remarks Not applicable

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information

Bulk density

Value 1150 to 1200 kg/m³

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

Evolution of chlorine under influence of acids. Strong exothermic reaction with acids.

10.6. Hazardous decomposition products

Irritant gases/vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat		
ATE	>	2.000	mg/kg
Remarks	Based on available data, the classification criteria are not met.		

Acute oral toxicity (Components)

troclosene sodium

Species	rat		
LD50		1400	mg/kg

disodium metasilicate pentahydrate

Species	rat		
LD50		1150 to 1350	mg/kg

Sodium carbonate

Species	rat		
LD50		2800	mg/kg

Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)

troclosene sodium

Species	rat		
LD50	>	5000	mg/kg
Source	IUCLID		

Sodium carbonate

Species	rabbit		
LD50	>	2000	mg/kg

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

Acute inhalative toxicity (Components)

Sodium carbonate

Species	mouse		
LC50		1,2	mg/l
Duration of exposure		2 h	

Sodium carbonate

Species	rat
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neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

LC50 2,3 mg/l
Duration of exposure 2 h

Skin corrosion/irritation

evaluation corrosive
Remarks The classification criteria are met.

Serious eye damage/irritation

evaluation corrosive
Remarks The classification criteria are met.

Sensitization

Remarks Based on available data, the classification criteria are not met.

Subacute, subchronic, chronic toxicity

Remarks Based on available data, the classification criteria are not met.

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Reproduction toxicity (Components)

Sodium carbonate

Remarks No indications of toxic effects were observed in reproduction studies in animals.

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)

Single exposure

Remarks The classification criteria are met.
evaluation May cause respiratory irritation.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Experience in practice

Inhalation of dusts may irritate the respiratory tract.

Other information

There is no data available on the product apart from the information given in this subsection.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

troclosene sodium

Species Bluegill (*Lepomis macrochirus*)
LC50 0,28 mg/l
Duration of exposure 96 h
Source IUCLID

disodium metasilicate pentahydrate

Species zebra fish (*Brachydanio rerio*)

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

LC50	210			mg/l
Duration of exposure	96		h	

Sodium carbonate

Species	Bluegill (<i>Lepomis macrochirus</i>)			
LC50	300			mg/l
Duration of exposure	96		h	

sodium hydroxide

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)			
LC50	45,4			mg/l
Duration of exposure	96		h	

Daphnia toxicity (Components)

troclosene sodium

Species	Daphnia magna			
LC50	0,18	to	0,21	mg/l
Duration of exposure	48		h	
Source	IUCLID			

disodium metasilicate pentahydrate

Species	Daphnia magna			
EC50	1700			mg/l
Duration of exposure	48		h	

Sodium carbonate

Species	Ceriodaphnia spec			
EC50	200	to	227	mg/l
Duration of exposure	48		h	

sodium hydroxide

Species	Daphnia magna			
EC50	> 100			mg/l
Duration of exposure	48		h	

Algae toxicity (Components)

troclosene sodium

Species	Chlorella pyrenoidosa			
EC50	< 0,5			mg/l
Duration of exposure	3		h	

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks	not determined
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12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

12.6. Other adverse effects

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
IMDG-Code segregation group		18 Alkalis	
14.1. UN number	1759	1759	1759
14.2. UN proper shipping name	CORROSIVE SOLID, N.O.S. (sodium hydroxide, troclosene sodium)	CORROSIVE SOLID, N.O.S. (sodium hydroxide, troclosene sodium)	CORROSIVE SOLID, N.O.S. (sodium hydroxide, troclosene sodium)
14.3. Transport hazard class(es)	8	8	8
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 kg		
Transport category	2		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

Other information

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Major-accident categories acc. 2012/18/EU

Category	E2	Hazardous to the Aquatic Environment	200.000	kg	500.000	kg
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Ingredients (Regulation (EC) No 648/2004)

15 % or over but less than 30 %:

phosphates

Further ingredients

chlorine-based bleaching agents

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H272	May intensify fire; oxidizer.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Ox. Sol. 2	Oxidising solid, Category 2
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association

neodisher LaboClean A 8

Version: 3 / GB

Replaces Version: 2 /
GB

Date revised: 27.07.2020

Print date: 02.10.20

ICAO: International Civil Aviation Organization

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)

IBC: Intermediate Bulk Container

CAS: Chemical Abstracts Service

VOC: Volatile Organic Compound

ISO: International Organization for Standardization

LD: Lethal dose

LC: Lethal concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

SVHC: Substances of very high concern

OECD: Organisation for Economic Co-operation and Development

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.