Safety Data Sheet according to Singapore Standard SS 586.

BONDERITE C-AK L-95 known as Novaclean L 95

SDS No. : 227205
V001.2
Revision: 04.03.2025
printing date: 25.03.2026

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: BONDERITE C-AK L-95 known as Novaclean L 95

Other means of identification: BONDERITE C-AK L-95 CT1380 WENS
Product code: IDH1917277
Recommended use of the chemical and restrictions on use

Intended use: Cleaners for industrial metal working

Identification of manufacturer, importer or distributor
Importer: Henkel Singapore Pte Ltd 401 Commonwealth Drive, #03-01/02, Haw Par Technocentre, Singapore. 149598
Phone : +65 62660100 Fax : +65 62661161

E-mail address of person responsible for Safety Data Sheet: ap-ua-psra.sea@henkel.com

Emergency Telephone for Chemical Accidents: FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call: +65 6424 7016

Section 2. Hazards identification

GHS Classification:

Hazard Class	Hazard Category
Corrosive to metals	Category 1
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

GHS label elements:

Hazard pictogram:



Signal word: Danger

Hazard statement: H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precaution:

Prevention: P234 Keep only in original packaging.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.

Storage: P406 Store in corrosive resistant container with a resistant inner liner.

Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3. Composition / information on ingredients

Substance or Mixture:
Mixture

Declaration of hazardous chemical:

Hazard component CAS-No.	Content	GHS Classification
Sodium hydroxide 1310-73-2	10- 30 %	Corrosive to metals 1 H290 Skin corrosion 1A H314 Serious eye damage/eye irritation 1 H318
Potassium hydroxide 1310-58-3	1- 10 %	Corrosive to metals 1 H290 Acute toxicity 4; Oral H302 Skin corrosion 1A H314
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	1- 10 %	Acute toxicity 4; Oral H302 Serious eye irritation 2 H319
tetrasodium ethylene diamine tetraacetate 64-02-8	1- 10 %	Acute toxicity 4; Oral H302 Acute toxicity 4; Inhalation H332 Serious eye damage/eye irritation 1 H318 Target Organ Systemic Toxicant - Repeated exposure 2; Inhalation H373
trisodium nitrilotriacetate 5064-31-3	0.1- 1 %	Acute toxicity 4; Oral H302 Serious eye irritation 2 H319 Carcinogenicity 2 H351

Section 4. First aid measures

Inhalation: Move to fresh air, consult doctor if complaint persists.

Skin contact: Immediately rinse with copious amounts of running water (for 10 minutes). Remove contaminated clothes. Put on a bandage with sterile gauze, seek medical attention in hospital.

Eye contact: Immediately flush eyes with soft jet of water or eye rinse solution for at least 15 minutes. Hold eyelid wide-open. Seek a doctor/hospital, eye flushing should continue during transportation to a doctor.

Ingestion: Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Immediate medical treatment necessary.

Indication of immediate medical attention and special treatment needed: See section: Description of first aid measures

Section 5. Fire fighting measures

Suitable extinguishing media: All common extinguishing agents are suitable.

Specific hazards arising from the chemical: Formation of toxic gases is possible during heating or in fires.

Special protection equipment and precautions for firefighters: Wear protective equipment.
Wear self-contained breathing apparatus.

Additional fire fighting advice: In case of fire, keep containers cool with water spray.

Section 6. Accidental release measures

Personal precautions: Avoid skin and eye contact.
Wear protective equipment.
Ensure adequate ventilation.
See advice in section 8

Environmental precautions: Do not empty into drains / surface water / ground water.

Clean-up methods: Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Handling: Ensure that workrooms are adequately ventilated.
Avoid skin and eye contact.
When diluting, always stir slowly the product into standing water.
See advice in section 8

Storage: Store only in the original container.Store in tightly closed containers. In a cool/well-ventilated area.
Keep away from sources of ignition.

Section 8. Exposure controls / personal protection

Components with specific control parameters for workplace:

SODIUM HYDROXIDE 1310-73-2	**Value type**	Ceiling Limit Value:
	mg/m³	2
	Remarks	ACGIH
SODIUM HYDROXIDE 1310-73-2	**Value type**	Short Term Exposure Limit (STEL):
	mg/m³	2
	Remarks	SG OEL
POTASSIUM HYDROXIDE 1310-58-3	**Value type**	Ceiling Limit Value:
	mg/m³	2
	Remarks	ACGIH
POTASSIUM HYDROXIDE 1310-58-3	**Value type**	Short Term Exposure Limit (STEL):
	mg/m³	2
	Remarks	SG OEL

Respiratory protection: In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter (EN 14387).
This recommendation should be matched to local conditions.

Hand protection: Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection: Goggles which can be tightly sealed.
Protective eye equipment should conform to EN166.

Body protection: Protective clothing that covers arms and legs.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Engineering controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

General protection and hygiene measures: The workplace should be equipped with an emergency shower and eye-rinsing facility.

Hygienic measures: Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Take off contaminated clothing and wash before reuse.

Section 9. Physical and chemical properties

Appearance: Colourless / Colorless, up to, yellow
clear to slightly cloudy, liquid

Odor: characteristic

Odor threshold (CA): No data available.

pH:(Concentration: 1.0 % product) > 13

Melting point / freezing point:	Not applicable, Product is a liquid
Specific gravity:	No data available.
Boiling point:	> 100 °C (> 212 °F) Aqueous solution
Flash point:	Not applicable
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Lower explosive limit:	No data available.
Upper explosive limit:	No data available.
Vapor pressure: (; 20 °C (68 °F))	23.4 hPa (aqueous solution)
Vapor density:	< 1
Density:	1.392 - 1.432 g/cm3
Solubility:	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto ignition:	No data available.
Decomposition temperature:	No data available.
Viscosity:	10 mPa.s (; 20 °C (68 °F); Method: no method / method unknown)
VOC content:	No data available.

Section 10. Stability and reactivity

Reactivity/Incompatible materials:	Reacts with acids: Heat released. Reacts with water: generation of heat.
Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	No decomposition if used according to specifications.
Hazardous decomposition products:	In case of fire toxic gases can be released.

Section 11. Toxicological information

Oral toxicity:	Acute toxicity estimate (ATE) : > 2,000 mg/kg Method: Calculation method
Inhalative toxicity:	Acute toxicity estimate (ATE) : > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method

Symptoms of Overexposure**:** Causes burns.

Acute oral toxicity:

Sodium hydroxide 1310-73-2	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	not specified
Potassium hydroxide 1310-58-3	Value type	LD50
	Value	333 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 425 (Acute Oral toxicity)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Value type	LD50
	Value	940 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	LD50
	Value	1,658 mg/kg
	Species	rat
	Method	BASF Test
trisodium nitrilotriacetate 5064-31-3	Value type	LD50
	Value	1,470 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)

Acute inhalative toxicity:

tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	Acute toxicity estimate (ATE)
	Value	1.5 mg/l
	Exposure time	
	Species	
	Method	Expert judgement
tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	LC50
	Value	> 1 mg/l
	Exposure time	6 h
	Species	rat
	Method	OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day)
trisodium nitrilotriacetate 5064-31-3	Value type	LC50
	Value	> 5 mg/l
	Exposure time	4 h
	Species	rat
	Method	not specified

Acute dermal toxicity:

1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Value type	LD50
	Value	> 2,300 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rabbit
	Method	not specified
trisodium nitrilotriacetate 5064-31-3	Value type	LD0
	Value	10,000 mg/kg
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
trisodium nitrilotriacetate 5064-31-3	Value type	LD50
	Value	> 10,000 mg/kg
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

Sodium hydroxide 1310-73-2	Result	corrosive
	Exposure time	
	Species	In vitro International Corrositex assay kit
	Method	OECD Guideline 435 (In Vitro Membrane Barrier Test Method for Skin Corrosion)
Potassium hydroxide 1310-58-3	Result	corrosive
	Exposure time	4 h
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	not irritating
	Exposure time	4 h
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	not irritating
	Exposure time	4 h
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
trisodium nitrilotriacetate 5064-31-3	Result	not irritating
	Exposure time	24 h
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Sodium hydroxide 1310-73-2	Result	corrosive
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Potassium hydroxide 1310-58-3	Result	corrosive
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	Category 1 (irreversible effects on the eye)
	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)
trisodium nitrilotriacetate 5064-31-3	Result	moderately irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Sodium hydroxide 1310-73-2	Result	not sensitising
	Test type	Patch-Test
	Species	human
	Method	not specified
Potassium hydroxide 1310-58-3	Result	not sensitising
	Test type	Intracutaneus test
	Species	guinea pig
	Method	Landsteiner & Jacobs Method
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	not sensitising
	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	Magnusson and Kligman Method
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	not sensitising
	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)
trisodium nitrilotriacetate 5064-31-3	Result	not sensitising
	Test type	Buehler test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Potassium hydroxide 1310-58-3	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	not specified
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	Ames Test
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	negative
	Type of study / Route of administration	in vitro mammalian cell micronucleus test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	negative
	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	mouse
	Method	equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	other guideline:
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	other guideline:
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	negative
	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	mouse
	Method	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
trisodium nitrilotriacetate 5064-31-3	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
trisodium nitrilotriacetate 5064-31-3	Result	negative
	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	mouse
	Method	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	NOAEL=41 mg/kg
	Route of application	oral: feed
	Exposure time / Frequency of treatment	90 dcontinuous
	Species	rat
	Method	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	LOAEL=169 mg/kg
	Route of application	oral: feed
	Exposure time / Frequency of treatment	90 dcontinuous
	Species	rat
	Method	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	NOAEL=0.003 mg/l
	Route of application	inhalation: dust
	Exposure time / Frequency of treatment	13 weeks6 h/d, 5 d/week
	Species	rat
	Method	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)
trisodium nitrilotriacetate 5064-31-3	Result	NOAEL=9 mg/kg
	Route of application	oral: feed
	Exposure time / Frequency of treatment	4 wdaily
	Species	rat
	Method	BASF Test
trisodium nitrilotriacetate 5064-31-3	Result	NOAEL=0.213 mg/l
	Route of application	inhalation: aerosol
	Exposure time / Frequency of treatment	4 w6 h/d, 5 d/w
	Species	rat
	Method	not specified

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity:

Toxicity:

Sodium hydroxide 1310-73-2	Value type	LC50
	Value	45.4 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sodium hydroxide 1310-73-2	Value type	EC50
	Value	40.4 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Ceriodaphnia sp.
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium hydroxide 1310-73-2	Value type	EC0
	Value	> 100 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	30 min
	Species	Pseudomonas putida
	Method	DIN 38412, part 27 (Bacterial oxygen consumption test)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Value type	LC50
	Value	2,180 mg/l
	Acute Toxicity Study	Fish

	Exposure time	96 h
	Species	Cyprinodon variegatus
	Method	not specified
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Value type	EC50
	Value	527 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Value type	EC0
	Value	580 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	30 min
	Species	
	Method	not specified
tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	LC50
	Value	532 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Lepomis macrochirus
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
	Value type	NOEC
	Value	>= 25.7 mg/l
	Acute Toxicity Study	Fish
	Exposure time	35 d
	Species	Danio rerio
	Method	OECD Guideline 210 (fish early lite stage toxicity test)
tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	EC50
	Value	625 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	24 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
tetrasodium ethylene diamine tetraacetate 64-02-8	Value type	EC0
	Value	105 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	16 h
	Species	not specified
	Method	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
trisodium nitrilotriacetate 5064-31-3	Value type	NOEC
	Value	> 54 mg/l
	Acute Toxicity Study	Fish
	Exposure time	224 d
	Species	Pimephales promelas
	Method	other guideline:
	Value type	LC50
	Value	114 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Pimephales promelas
	Method	other guideline:
trisodium nitrilotriacetate 5064-31-3	Value type	EC50
	Value	1,000 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	24 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
trisodium nitrilotriacetate 5064-31-3	Value type	EC10
	Value	74.8 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)
	Method	EU Method C.3 (Algal Inhibition test)
	Value type	EC50
	Value	> 100 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)
	Method	EU Method C.3 (Algal Inhibition test)

trisodium nitrilotriacetate 5064-31-3	Value type	EC0
	Value	390 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	30 min
	Species	Pseudomonas putida
	Method	DIN 38412, part 27 (Bacterial oxygen consumption test)

Persistence and degradability:

1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Result	not readily biodegradable.
	Route of application	
	Degradability	5 %
	Method	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
	Result	not inherently biodegradable
	Route of application	
	Degradability	33 %
	Method	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
tetrasodium ethylene diamine tetraacetate 64-02-8	Result	not inherently biodegradable
	Route of application	no data
	Degradability	5 %
	Method	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
	Result	not readily biodegradable.
	Route of application	aerobic
	Degradability	9.9 %
	Method	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
trisodium nitrilotriacetate 5064-31-3	Result	inherently biodegradable
	Route of application	aerobic
	Degradability	98 %
	Method	EU Method C.9 (Biodegradation: Zahn-Wellens Test)
	Result	readily biodegradable
	Route of application	aerobic
	Degradability	100 %
	Method	OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test)

Bioaccumulative potential / Mobility in soil:

1-Hydroxyethane-1,1-diphosponate-Na4 3794-83-0	Bioconcentration factor (BCF)	71
	Exposure time	49 d
	Species	Cyprinus carpio
	Temperature	18 °C
	Method	not specified
trisodium nitrilotriacetate 5064-31-3	LogPow	-10.08
	Temperature	25 °C
	Method	QSAR (Quantitative Structure Activity Relationship)

Section 13. Disposal considerations

Product

Method of disposal: Dispose of in accordance with local and national regulations.

Packaging

Disposal of uncleaned packages: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road transport ADR:

Class:	8
Packing group:	II
Classification code:	C5
Hazard ident. number:	80
UN no.:	1719
Label:	8
Technical name:	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide,Potassium hydroxide)

Railroad transport RID:

Class:	8
Packing group:	II
Classification code:	C5
Hazard ident. number:	80
UN no.:	1719
Label:	8
Technical name:	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide,Potassium hydroxide)

Inland water transport ADN:

Class:	8
Packing group:	II
Classification code:	C5
Hazard ident. number:	80
UN no.:	1719
Label:	8
Technical name:	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide,Potassium hydroxide)

Marine transport IMDG:

Class:	8
Packing group:	II
UN no.:	1719
Label:	8
EmS:	F-A ,S-B
Seawater pollutant:	-
Proper shipping name:	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide,Potassium hydroxide)

Air transport IATA:

Class:	8
Packing group:	II
Packaging instructions (passenger):	851
Packaging instructions (cargo):	855
UN no.:	1719
Label:	8
Proper shipping name:	Caustic alkali liquid, n.o.s. (Sodium hydroxide,Potassium hydroxide)

Section 15. Regulatory information

Regulatory Information: Workplace Safety And Health Act (Chapter 354A, Section 40B) Workplace Safety And Health (Approved Codes of Practice) Notification 2020.
Workplace Safety And Health Act (Chapter 354A, Section 65) Workplace Safety And Health

(General Provisions) (Amendment No.2) Regulations 2024

Global inventory status:

Regulatory list	Notification
TCSI	yes
TSCA	yes
AIIC	yes
DSL	yes
ENCS (JP)	yes
ISHL (JP)	yes
KECI (KR)	yes
PICCS (PH)	yes
IECSC	yes

Section 16. Other information

Disclaimer:

This Safety Data Sheet has been generated based on Workplace Safety And Health Act (Chapter 354A, Section 40B) Workplace Safety And Health (Approved Codes of Practice) Notification 2020 and Workplace Safety And Health Act (Chapter 354A, Section 65) Workplace Safety And Health (General Provisions) (Amendment No.2) Regulations 2024 only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.
Dear Customer,
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