

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Mighty Brightline Alkaline Wheel Cleaner

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

No additional information available

1.4. Supplier's details

Mighty Auto Parts
650 Engineering Drive
Peachtree Corners, GA 30092
USA
T 800-829-3900

1.5. Emergency phone number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Skin corrosion/irritation, Category 1	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.
Specific target organ toxicity — Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) :

P260 - Do not breathe dust, fume, gas, mist, vapours, spray.
P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.

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P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
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/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
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.
P312 - Call a poison center or doctor if you feel unwell.
P314 - Get medical advice or attention if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P363 - Take off immediately all contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
SODIUM HYDROXIDE	CAS-No.: 1310-73-2	5 – 15	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
MONOETHANOLAMINE	CAS-No.: 141-43-5	5 – 15	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 3, H335 STOT RE 2, H373

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Name	Product identifier	%	GHS US classification
AMINES, C10-16-ALKYLDIMETHYL, N-OXIDES AND/OR LAURYLAMINE OXIDE	CAS-No.: 70592-80-2 / 1643-20-5	1 – 10	Skin Irrit. 2, H315 Eye Dam. 1, H318
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT	CAS-No.: 64-02-8	1 – 5	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373
DIPROPYLENE GLYCOL MONO METHYL ETHER	CAS-No.: 34590-94-8	1 – 5	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation:dust,mist), H332 STOT SE 3, H335
QUATERNARY COCO ALKYLAMINE ETHOXYLATE	CAS-No.: 61791-10-4	0.5 – 5	Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

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5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.
- Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

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ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
ACGIH OEL TWA	2 mg/m ³
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
Local name	Dipropylene glycol methyl ether (DPGME)
ACGIH OEL TWA	50 ppm
Remark (ACGIH)	TLV® Basis: Liver & CNS eff
Regulatory reference	ACGIH 2022
Local name	Dipropylene glycol methyl ether
OSHA PEL TWA	600 mg/m ³ 100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
SODIUM HYDROXIDE (1310-73-2)	
Local name	Sodium hydroxide
ACGIH OEL Ceiling	2 mg/m ³
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
Local name	Sodium hydroxide
OSHA PEL TWA	2 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
MONOETHANOLAMINE (141-43-5)	
Local name	Ethanolamine
ACGIH OEL TWA	3 ppm
ACGIH OEL STEL	6 ppm
Remark (ACGIH)	TLV® Basis: Eye & skin irr
Regulatory reference	ACGIH 2023
Local name	Ethanolamine
OSHA PEL TWA	6 mg/m ³ 3 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Color : Orange
Odor : Mild
Odor threshold : No data available
pH : 13
Melting point : Not applicable
Freezing point : No data available
Boiling point : 100 °C
Flash point : > 100 °C
Flammability (solid, gas) : Not applicable.
Vapor pressure : No data available
Relative vapor density at 20°C : No data available
Relative density : 1.07 – 1.13 at 15.6°C
Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Explosion limits : No data available
Particle characteristics : No data available

COMP - QUATERNARY COCO ALKYLAMINE ETHOXYLATE

Particle characteristics	No data available
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ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT

Particle characteristics	No data available
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COMP - DIPROPYLENE GLYCOL MONO METHYL ETHER (2)

Particle characteristics	No data available
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COMP - SODIUM HYDROXIDE (2)

Particle characteristics	No data available
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COMP - MONOETHANOLAMINE

Particle characteristics	No data available
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COMP - AMINES, C10-16-ALKYLDIMETHYL, N-OXIDES AND/OR LAURYLAMINE OXIDE

Particle characteristics	No data available
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9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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ATE US (oral)	826.446 mg/kg body weight
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
LD50 dermal rat	> 19020 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	9510 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 3000 mg/m ³ Source: ECHA
ATE US (dermal)	9510 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h
SODIUM HYDROXIDE (1310-73-2)	
ATE US (oral)	100 mg/kg body weight
MONOETHANOLAMINE (141-43-5)	
LD50 dermal rabbit	1018 mg/kg (24 h, Rabbit, Inconclusive, insufficient data, Dermal)
LC50 Inhalation - Rat (Vapours)	> 1487 mg/l Source: ECHA
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	300 mg/kg body weight
Skin corrosion/irritation	: Causes severe skin burns. pH: 13
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
pH	11 (1 %)
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
pH	7 (100 %, 25 °C)
SODIUM HYDROXIDE (1310-73-2)	
pH	14 (5.0 %)
MONOETHANOLAMINE (141-43-5)	
pH	12 (25 %)
Serious eye damage/irritation	: Causes serious eye damage. pH: 13
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
pH	11 (1 %)
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
pH	7 (100 %, 25 °C)

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SODIUM HYDROXIDE (1310-73-2)	
pH	14 (5.0 %)
MONOETHANOLAMINE (141-43-5)	
pH	12 (25 %)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
MONOETHANOLAMINE (141-43-5)	
NOAEL (animal/male, F0/P)	1000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study), Guideline: other:, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
NOAEL (animal/female, F0/P)	300 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study), Guideline: other:, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
STOT-single exposure	: May cause respiratory irritation.
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
STOT-single exposure	May cause respiratory irritation.
SODIUM HYDROXIDE (1310-73-2)	
STOT-single exposure	May cause respiratory irritation.
MONOETHANOLAMINE (141-43-5)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.015 mg/l air Animal: rat, Animal sex: female, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg body weight Animal: rat, Animal sex: male
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat, Guideline: other:
MONOETHANOLAMINE (141-43-5)	
NOAEL (oral, rat, 90 days)	300 mg/kg body weight Animal: rat, Guideline: other:, Guideline: other:, Guideline: other:
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.01 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study), Guideline: EU Method B.8 (Subacute Inhalation Toxicity: 28-Day Study)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
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Viscosity, kinematic	No data available

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Viscosity, kinematic	No data available
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
Viscosity, kinematic	No data available
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
Viscosity, kinematic	4.55 mm ² /s (20 °C, OECD 114: Viscosity of Liquids)
SODIUM HYDROXIDE (1310-73-2)	
Viscosity, kinematic	No data available
MONOETHANOLAMINE (141-43-5)	
Viscosity, kinematic	23.5 mm ² /s (20 °C, EN ISO 3104: Capillary viscometer)
AMINES, C10-16-ALKYLDIMETHYL, N-OXIDES AND/OR LAURYLAMINE OXIDE (70592-80-2 / 1643-20-5)	
Viscosity, kinematic	No data available
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
LC50 - Fish [1]	121 mg/l (96 h, <i>Lepomis macrochirus</i> , Literature study, Soft water)
EC50 - Crustacea [1]	625 mg/l (24 h, <i>Daphnia magna</i> , Literature study)
EC50 72h - Algae [1]	100 mg/l Source: IUCLID
LOEC (chronic)	50 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC (chronic)	25 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC chronic fish	≥ 25.7 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>) Duration: '35 d'

DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
LC50 - Fish [1]	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Poecilia reticulata</i> , Static system, Fresh water, Experimental value, GLP)
EC50 - Other aquatic organisms [1]	1930 mg/l Test organisms (species): other aquatic crustacea:
EC50 72h - Algae [1]	> 969 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>)
EC50 96h - Algae [1]	> 969 mg/l Source: ECHA

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DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
ErC50 algae	> 969 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
LOEC (chronic)	0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
NOEC (chronic)	≥ 0.5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
SODIUM HYDROXIDE (1310-73-2)	
LC50 - Fish [1]	189 mg/l (Leuciscus idus, Pure substance)
EC50 - Crustacea [1]	40.4 mg/l Source: ECHA
MONOETHANOLAMINE (141-43-5)	
LC50 - Fish [1]	150 mg/l (96 h, Salmo gairdneri, Fresh water)
EC50 - Crustacea [1]	140 mg/l (24 h, Daphnia magna)
EC50 72h - Algae [1]	35 mg/l (Algae)
EC50 72h - Algae [2]	2.1 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
ErC50 algae	2.1 mg/l Source: ECHA
NOEC (chronic)	0.85 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	1.24 mg/l Test organisms (species): Oryzias latipes Duration: '41 d'

12.2. Persistence and degradability

Mighty Brightline Alkaline Wheel Cleaner	
Persistence and degradability	Not rapidly degradable
QUATERNARY COCO ALKYLAMINE ETHOXYLATE (61791-10-4)	
Persistence and degradability	Not rapidly degradable
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	< 0.002 g O ₂ /g substance
Chemical oxygen demand (COD)	0.54 – 0.58 g O ₂ /g substance
DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0 g O ₂ /g substance
ThOD	2.06 g O ₂ /g substance
SODIUM HYDROXIDE (1310-73-2)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

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MONOETHANOLAMINE (141-43-5)	
Persistence and degradability	Biodegradable in the soil, Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.8 g O ₂ /g substance
Chemical oxygen demand (COD)	1.34 g O ₂ /g substance
ThOD	2.49 g O ₂ /g substance
BOD (% of ThOD)	0.32

AMINES, C10-16-ALKYLDIMETHYL, N-OXIDES AND/OR LAURYLAMINE OXIDE (70592-80-2 / 1643-20-5)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)	
Partition coefficient n-octanol/water (Log Pow)	-2.6
Bioaccumulative potential	Not bioaccumulative.

DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
Partition coefficient n-octanol/water (Log Pow)	0.004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

SODIUM HYDROXIDE (1310-73-2)	
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC
Bioaccumulative potential	Not bioaccumulative.

MONOETHANOLAMINE (141-43-5)	
Partition coefficient n-octanol/water (Log Pow)	-1.91
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

QUATERNARY COCO ALKYLAMINE ETHOXYLATE (61791-10-4)	
Mobility in soil	0.2083 Source: EPISUITE

DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)	
Surface tension	68.7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil. Not toxic to plants.

SODIUM HYDROXIDE (1310-73-2)	
Ecology - soil	No (test)data on mobility of the component(s) available.

MONOETHANOLAMINE (141-43-5)	
Surface tension	0.05 N/m
Ecology - soil	No (test)data on mobility of the substance available.

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12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT

14.1. UN number

UN-No.(DOT) : UN3266

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide, Monoethanolamine)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 8
Hazard labels (DOT) : 8



14.4. Packing group

Packing group (DOT) : II

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No.(DOT) : UN3266
DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242

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SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
QUATERNARY COCO ALKYLAMINE ETHOXYLATE	61791-10-4	Present	Active	XU
ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT	64-02-8	Present	Active	
DIPROPYLENE GLYCOL MONO METHYL ETHER	34590-94-8	Present	Active	
SODIUM HYDROXIDE	1310-73-2	Present	Active	
MONOETHANOLAMINE	141-43-5	Present	Active	
AMINES, C10-16-ALKYLDIMETHYL, N-OXIDES AND/OR LAURYLAMINE OXIDE	70592-80-2 / 1643-20-5	Not present	-	

SODIUM HYDROXIDE (1310-73-2)

Not subject to reporting requirements of the United States SARA Section 313

CERCLA RQ 1000 lb

15.2. International regulations

CANADA

QUATERNARY COCO ALKYLAMINE ETHOXYLATE (61791-10-4)

Listed on the Canadian DSL (Domestic Substances List)

ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)

Listed on the Canadian DSL (Domestic Substances List)

DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List)

SODIUM HYDROXIDE (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

MONOETHANOLAMINE (141-43-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

ETHYLENEDIAMINE-N,N,N',N'-TETRAACETIC ACID TETRASODIUM SALT (64-02-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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DIPROPYLENE GLYCOL MONO METHYL ETHER (34590-94-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

SODIUM HYDROXIDE (1310-73-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

MONOETHANOLAMINE (141-43-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

No additional information available

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 2/4/2025

Issue date : 3/18/2024

Full text of hazard classes and H-statements

H227	Combustible liquid
H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.