

Finox

Section 1. Identification

Common name: Finox

Synonym: Aqueous mixture

Material uses: Stainless steel cleaner-polish

Supplier / Manufacturer:

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In case of emergency:

CANUTEC: (613) 996-6666

Section 2. Hazards identifications

Classification:



Skin corrosion, Category 1

Serious eye damage, Category 1

Signal word: Danger

Hazard statements:

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

Precautionary statements:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash exposed and/or contaminated area thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

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 victim to fresh air and keep at rest in a position 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 a doctor.

P321: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

P501: Dispose of contents / container by a local waste disposal company according to regional regulations.

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Sodium hydroxide	1310-73-2	15 - 40

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact:

Wash exposed and/or contaminated area thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse.

Inhalation:

Bring the conscious victim to fresh air. Do not breathe dust/fumes/gas/mist/vapours/spray.

Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

Treat according to symptoms.

Most important acute symptoms and effects:

Causes severe skin burns and eye damage. Causes serious eye damage.

Most important delayed symptoms and effects:

No known specific chronic effects and/or symptoms

Section 5. Firefighting measures

Flammability of the product:

Non-flammable

Flash point:

N/A

Auto-ignition temperature:

N/A

Products of combustion:

Carbon oxides

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Suitable extinguishing media:

Carbon dioxide, Foam, Dry Chemical, Do not use water jet.

Lower limit of explosivity:

Not applicable

Upper limit of explosivity:

Not applicable

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Evacuate the area.

For emergency personnel: Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Environmental precautions:

Do not let product enter drains

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage

Precautions in Handling:

Do not ingest. Do not breathe vapors and mist. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Component	CAS	Value	Control parameters	Basis
Sodium hydroxide	1310-73-2	DIVS	10 mg/m ³	CNESST
		Valeur plafond	2 mg/m ³	RSST

Engineering controls:

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal protective equipment:

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Section 9. Physical and chemical properties

Physical state: Liquid

Color: Clear

Odour: Odorless

Melting point/Freezing point: 0°C / 32°F

Boiling point: 107°C / 224.6°F

Appearance: Liquid

Lower explosion limit: Not applicable

Upper explosion limit: Not applicable

Flash point: Data not available

Auto-ignition temperature: Data not available
Decomposition temperature: Data not available
pH: 12.8
Kinematic viscosity: Data not available
Solubility: Miscible in water
Partition in coefficient n-octanol/water: Data not available
Vapour pressure: Data not available
Density: 1.235 (water = 1)
Relative vapour density: Data not available
VOC: Not applicable

Section 10. Stability and reactivity

Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: Incompatibility materials
Incompatible materials: Strong acids, nitrosated aromatic compounds, nitrosated paraffinic compounds, organohalogen compounds, glycol peroxides, organic peroxides, active metals (zinc, aluminum or tin).
Hazardous decomposition products: None expected

Section 11. Toxicological information

Acute toxicity:

None

Skin corrosion/irritation:

Not applicable

Serious eye damage/irritation:

Not applicable

Respiratory or skin sensitisation:

Not applicable

Gem cell mutagenicity:

Not applicable

Carcinogenicity:

Not applicable

Reproductive toxicity:

Not applicable

STOT- Single exposure:

Not applicable

STOT- repeated exposure:

Not applicable

Aspiration hazard:

Not applicable

Information on likely route of exposure:

Not applicable

Section 12. Ecological information

Ecological data for aquatic environments:

Component	CAS	Value
Sodium hydroxide	1310-73-2	CL ₅₀ - Gambusia affinis (western mosquitofish) 125 mg/L - 96h

Persistence and degradability:

Sodium hydroxide: Not applicable

Bioaccumulative potential:

Sodium hydroxide: Not applicable

Mobility in soil:

Sodium hydroxide: Not applicable

Other adverse effects:


Sodium hydroxide: Harmful to aquatic life


Section 13. Disposal considerations


Waste disposal:


Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

Section 14. Transportation information

TDG			
UN #: UN1760	Proper shipping name: CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)		
Class: 8	Packing group: III		
Reportable Quantity:	Limited Quantities: 5 L	Excepted Quantities Code:	

DOT			
UN #: UN1760	Proper shipping name: CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)		
Class: 8	Packing group: III		
Reportable Quantity:	Limited Quantities: 5 L	Excepted Quantities Code:	

IMDG			
UN #: UN1760	Proper shipping name: CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)		
Class: 8	Packing group: III	EMS-No:	
Reportable Quantity:	Limited Quantities: 5 L	Excepted Quantities Code:	

IATA			
UN #: UN1760	Proper shipping name: CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)		
Class: 8	Packing group: III		
Reportable Quantity:	Limited Quantities: 5 L	Excepted Quantities Code:	

Section 15. Regulatory information

General product information:

The product class and the safety data sheet have been prepared in accordance with the requirements of the Hazardous Products.

Section 16. Additional information

Date of issue:

2022-11-24

Version:

1.00

Elaborated by:

Toxyscan inc.

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