



Safety Data Sheet SUPER FIN CLEAN

SECTION 1: Identification

GHS Product identifier

Product name SUPER FIN CLEAN

Product number CT-116

Distributor's details

Name	Interchem Limited
Address	9th Avenue South, Barataria, Trinidad & Tobago
Telephone	(868) 235-CHEM (2436)
Email	sales@interchem.co.tt

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1
- Acute toxicity, oral, Cat. 3

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GHS label elements, including precautionary statements.

Pictograms



1. Corrosion; 2. Skull and crossbones

Signal word

Danger

Hazard statement(s)

H314

Causes severe skin burns and eye damage.

H318

Causes serious eye damage.

H301

Toxic if swallowed.

H335

May cause respiratory irritation.

Precautionary statement(s)

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P264

Wash 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 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/doctor.

P363

Wash contaminated clothing before reuse.

P405

Store locked up.

P501

Dispose of contents/container in accordance with applicable regional, national and local laws and regulations.

P270

Do not eat, drink, or smoke when using this product.

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P330

Rinse mouth.

SECTION 3: Composition/information on ingredients

Hazardous components

Component	Concentration
Sodium hydroxide 45% (CAS no.: 1310-73-2; EC no.: 215-185-5; Index no.: 011-002-00-6)	Not specified.

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled

If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. Keep the person warm and quiet. Get medical attention.

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In case of skin contact	Thoroughly wash exposed area with soap and water remove contaminated clothing. Launder before reuse. If necessary, neutralize with vinegar solution or lemon and if irritation persists, see a doctor.
In case of eye contact	Flush with large amounts of water, lifting upper and lower lids occasionally. Neutralize with lemon juice or vinegar. Seek medical attention immediately.
If swallowed	Do not induce vomiting. Drink lemon juice. Keep person warm, quiet and seek immediate medical attention.

Most important symptoms/effects, acute and delayed.

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Regular foam, carbon dioxide, dry chemical, for surrounding fire.

Specific hazards arising from the chemical.

May form corrosive fumes, carbon oxides.

Special protective actions for fire-fighters

Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires.

SECTION 6: Accidental release measures

Personal precautions, protective equipment, and emergency procedures

For personal protection see section 8. People not wearing protective equipment should be excluded from the area of the spill until cleanup has been completed.

Environmental precautions

Prevent from entering drains, sewers, streams, or other bodies of water. Prevent it from spreading. If runoff occurs notify authorities as required.

Methods and materials for containment and cleaning up.

Small Spill: Use absorbent materials and dispose as directed by local regulatory norms. Can be neutralized with weak acids.

Large Spill: Stop spill at source. Isolate and dike with soaking materials. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product and dispose according to local laws.

SECTION 7: Handling and storage

Precautions for safe handling

KEEP OUT OF REACH OF CHILDREN. For industrial and institutional use only.

Conditions for safe storage, including any incompatibilities.

Store in a cool, dry, well - ventilated area. Do not store at temperatures more than 120°F for prolonged periods. Always store in original container. Keep container tightly closed. Follow all label instructions and precautions.

SECTION 8: Exposure controls/personal protection

Control parameters.

CAS: 1310-73-2

Sodium hydroxide 45%

ACGIH (USA): (C) 2 mg/m3 TLV® inhalation; AU/SWA (Australia): 2 Peak limitation mg/m3 TWA inhalation;

Cal/OSHA (USA): (C) 2 mg/m3 PEL inhalation; NIOSH (USA): (C) 2 mg/m3 REL inhalation; OSHA (USA): 2 mg/m3 PEL inhalation

Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Chemical splash resistant goggles.

Skin protection

Rubber, neoprene or another resistant elastomer.

Body protection

Other Protective Clothing & Equipment: Rubber aprons and boots when working with large quantities.

Respiratory protection

If workplace exposure limits product or any component is exceeded a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure types) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLV.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Thick yellow liquid with no odor
Odor	Odorless
Odor threshold	ND
pH	14
Melting point/freezing point	ND
Initial boiling point and boiling range	230 °F
Flash point	NAP
Evaporation rate	ND
Flammability (solid, gas)	Non-flammable
Upper/lower flammability or explosive limits	NAP
Vapor pressure	ND
Vapor density	ND
Relative density	1.40 gr/cc
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	ND
Auto-ignition temperature	ND
Decomposition temperature	ND
Viscosity	ND

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Additional properties

Physical state

Liquid

Color

Yellow

SECTION 10: Stability and reactivity

Reactivity

ND

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous Polymerization: Will not occur.

Conditions to avoid.

Moisture.

Incompatible materials

Sodium hydroxide 45%: Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as AlO_2^- , ZnO_2^{2-} , SnO_2^{2-} , and H_2 (or H_2O with oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

Hazardous decomposition products

Sodium hydroxide 45%: Sodium oxides

SECTION 11: Toxicological information

Information on toxicological effects

Oral Toxicity: (LDL) 500 mg/kg [Rabbit]

Inhalation Toxicity: No data

Dermal Toxicity: No data

Irritancy of Product: This product is irritating to the skin, eyes, respiratory, and digestive tract.

SECTION 12: Ecological information

Toxicity

No data.

Persistence and degradability

Possible hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bio accumulative potential

The products of degradation are less toxic than the product itself.

Other adverse effects

No data.

SECTION 13: Disposal considerations

Product disposal

Disposal should be made in accordance with federal, state, and local regulations.

SECTION 14: Transport information

DOT (US)

UN Number: UN1824

Class: 8

Packing Group: III

Proper Shipping Name: Sodium hydroxide solution

IMDG

UN Number: UN1824

Class: 8

Packing Group: III

Proper Shipping Name: Sodium hydroxide solution

IATA

UN Number: UN1824

Class: 8

Packing Group: III

Proper Shipping Name: Sodium hydroxide solution

SECTION 15: Regulatory information

Safety, health, and environmental regulations specific for the product in question

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Domestic Substances List (DSL)

Chemical name: Sodium hydroxide (Na(OH))

CAS: 1310-73-2

Massachusetts Right To Know Components

Chemical name: Sodium hydroxide

CAS number: 1310-73-2

New Jersey Right To Know Components

Common name: SODIUM HYDROXIDE

CAS number: 1310-73-2

Pennsylvania Right To Know Components

Chemical name: Sodium hydroxide

CAS number: 1310-73-2

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 311/312 Hazards

Acute Health Hazard

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16: Other information

Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall INTERCHEM LIMITED be liable for any claims, losses, or damages of any third party or lost profits or any special, indirect, incidental, consequential, or exemplary damages, whatsoever arising, even if INTERCHEM LTD has been advised of the possibility of such damages.

Legend: NA = Not Applicable; ND = Not Determined