



Safety Data Sheet

NO RINSE ADVANCED COIL CLEANER

SECTION 1: Identification

GHS Product identifier

Product name	NO RINSE ADVANCED COIL CLEANER
Product number	CT-112

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)

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2B
- Acute toxicity, oral, Cat. 4

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GHS label elements, including precautionary statements.

Pictograms



1. Exclamation mark

Signal word

Warning

Hazard statement(s)

H320

Causes eye irritation.

H303

May be harmful if swallowed.

H316

Causes mild skin irritation.

H335

May cause respiratory irritation.

Precautionary statement(s)

P264

Wash thoroughly after handling.

P280

Wear protective gloves.

P302+P352

IF ON SKIN: Wash with plenty of water.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P270

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

P301+P312

IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,

P330

Rinse mouth.

P501

Dispose of contents/container.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Butoxyethanol (CAS no.: 111-76-2; EC no.: 203-905-0; Index no.: 603-014-00-0)	Not specified.
Nonylphenol, ethoxylated (CAS no.: 9016-45-9; EC no.: 500-024-6)	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.

In case of skin contact

Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder before reuse. If irritation persists, neutralize with lemon juice. See a doctor.

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In case of eye contact

Flush with large amounts of water, lifting upper and lower lids occasionally. Seek medical attention immediately.

If swallowed

Do not induce vomiting. Give water or lemon juice to drink. 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

Use extinguishing media appropriate for surrounding fire.
Regular foam, carbon dioxide, dry chemical, for surrounding fire.

Specific hazards arising from the chemical.

May form corrosive fumes, Carbon, and Nitrogen 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.
Special Fire and Explosion Hazards: None.

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 from spreading. If runoff occurs notify authorities as required.

Methods and materials for containment and cleaning up.

Small Spill: Pick up with spoon or spatula and dispose as directed by local regulatory norms.
Large Spill: Stop spill at source. Isolate and recover spilled product with an absorbent material. Transfer spilled product to clean containers for recovery. Pick up unrecoverable product with spatula 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.

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SECTION 8: Exposure controls/personal protection

Control parameters.

CAS: 111-76-2 (EC: 203-905-0)

Butoxyethanol

20 ppm, 97 mg/m³ PEL inhalation; ACGIH (USA): 20 ppm TLV® inhalation; 20 ppm TWA inhalation; AU/SWA (Australia): 50 ppm; 242 mg/m³ STEL inhalation; 20 ppm; 96.9 mg/m³ TWA inhalation; Cal/OSHA: 20 ppm PEL inhalation; NIOSH: 5 ppm REL inhalation; 5 ppm, 24 mg/m³ TWA inhalation; OSHA: 50 ppm PEL inhalation; 240 mg/m³ PEL inhalation; 50 ppm, 240 mg/m³ TWA 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

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.)	Transparent green liquid of low viscosity
Odor	Slight citric odor
Odor threshold	ND
pH	11-12
Melting point/freezing point	
Initial boiling point and boiling range	212 °F
Flash point	ND
Evaporation rate	ND
Flammability (solid, gas)	ND
Upper/lower flammability or explosive limits	NAP
Vapor pressure	ND
Vapor density	Heavier than air.
Relative density	1.02-1.04 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

Green

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.

None.

Incompatible materials

Nonylphenol, ethoxylated: Strong oxidizing agents and acids.

Hazardous decomposition products

ND

SECTION 11: Toxicological information

Information on toxicological effects

Additional information

Oral Toxicity: 2-Butoxyethanol (LD50) 470 mg/kg [Rat]; Nonylphenol ethoxylated (LD50) 4000 mg/kg [Rat]

Inhalation Toxicity: 2-Butoxyethanol (LD50) 450 ppm/4Hr [Rat]

Dermal Toxicity: 2-Butoxyethanol (LD50) 220 mg/kg [Rabbit]

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

SECTION 12: Ecological information

Toxicity

This product is not expected to be toxic to aquatic life.

Persistence and degradability

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

Bio accumulative potential

This material is not expected to significantly bioaccumulate.

Other adverse effects

ND

SECTION 13: Disposal considerations

Product disposal

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

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SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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.

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Canadian Domestic Substances List (DSL)

Chemical name: Ethanol, 2-butoxy-

CAS: 111-76-2

Chemical name: Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-

CAS: 9016-45-9

Massachusetts Right To Know Components

Ethylene glycol monobutyl ether

CAS: 111-76-2

No components are subject to the Massachusetts Right to Know Act

New Jersey Right To Know Components

Ethylene glycol monobutyl ether

CAS: 111-76-2

Ethoxylated nonylphenol

CAS-No. 9016-45-9

Pennsylvania Right To Know Components

Ethylene glycol monobutyl ether

CAS: 111-76-2

Ethoxylated nonylphenol

CAS-No. 9016-45-9

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

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Acute Health Hazard

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ethylene glycol monobutyl ether

CAS: 111-76-2

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: N/A = Not Applicable; N/D = Not Determined