

Pro-Universal™ Coil Cleaner

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Pro-Universal™ Coil Cleaner

OTHER MEANS OF IDENTIFICATION:

PRO-UNIV-GB

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

INFORMATION PHONE #: +44 1159005858

MANUFACTURED BY:

DiversiTech Corporation
3039 Premiere Parkway
Suite 600
Duluth, GA 30097

MANUFACTURED FOR:

DiversiTech International
Glaisdale Drive East
Nottingham
NG8 4LY
United Kingdom

EMERGENCY PHONE #: 001 +1813 248 0585 Chem-Tel
(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Skin Corrosion, category 1

HAZARD SYMBOL(S):

SIGNAL WORD: Danger

HAZARD STATEMENT(S)

H314 Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENT(S)

P102 Keep out of reach of children.
P260 Do not breathe vapors
P264 Wash hands and exposed skin thoroughly after handling.
P280 Wear protective gloves and eye protection.
P321 Specific treatment (see FIRST AID section on this label).
P363 Wash contaminated clothing before reuse.
P405 Store locked up
P501 Dispose of container in accordance with local regulations

RESPONSE

P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P310	Immediately call a doctor.
P304+340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

This product does not contain substances identified as PBT or vPvB.

This product does not have a workplace exposure limit.

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SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	EC No.	CAS No.	WT%	GHS CLASSIFICATION(S)
Potassium hydroxide	215-181-3	1310-58-3	<1	Skin Corrosion 1; Acute Tox 4 (oral)
Sodium silicate	215-687-4	1344-09-8	<1	Skin Corrosion 1; Metal Corrosive 1

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with Regulation EC No. 1272/2008 (CLP). Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES:

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Seek immediate medical attention if exposed to skin or eyes, especially if severe irritation occurs.

MOST IMPORTANT SYMPTOMS:

Skin and eye exposure may cause permanent damage.

IF ON SKIN:

Immediately wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

Water.

SPECIFIC HAZARDS:

Can react with certain metals, such as aluminum, to produce flammable hydrogen gas.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

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EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATABILITIES:

Do not store with aluminum or magnesium.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Potassium Hydroxide

TWA

n/a

STEL

2 mg/m³ (15mins)

NATION

UK

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

EYE/FACE PROTECTION:

Eye protection is required. Wear goggles or another form of chemically resistant eye protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

SKIN PROTECTION:

Glove and hand protection is required. Wear gloves suitable for chemical protection.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange liquid.

pH: >11,5

MELTING POINT: 0°C.

FLASHPOINT: Not determined.

FLAMMABILITY: Not determined.

VAPOUR PRESSURE: 17,5 mm Hg (20°C).

VAPOUR DENSITY: Not determined.

SOLUBILITY: Miscible.

AUTO-IGNITION: Not determined.

VISCOOSITY: Not determined.

ODOUR:

Not determined.

ODOUR THRESHOLD:

Not determined.

BOILING POINT:

108°C.

EVAPORATION RATE:

>1 (water=1).

UPPER EXPLOSIVE %:

Not determined.

LOWER EXPLOSIVE %:

Not determined.

RELATIVE DENSITY:

Not determined.

PARTITION COEFFICIENT:

Not determined.

DECOMPOSITION TEMP:

Not determined.

OXIDIZING PROPERTIES:

Not determined.

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SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:

Not anticipated to be reactive.

CHEMICAL STABILITY:

Chemical is anticipated to be stable in normal storage conditions.

HAZARDOUS REACTIONS:

Halogen compounds, especially trichloroethylene. Nitro methane. Aluminum, magnesium, tin, and zinc. Potassium hydroxide.

CONDITIONS TO AVOID:

Heat, sources of ignition, direct sunlight, etc.

INCOMPATIBLE MATERIALS:

Not determined.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:

Oral – >2.000 mg/kg bw.

Dermal – Contains no ingredient(s) considered toxic.

Inhalation – Contains no ingredient(s) considered toxic.

SKIN CORROSION/IRRITATION:

May cause permanent skin damage.

SENSITIZATION:

Respiratory: Contains no ingredient(s) applicable to this category.

Skin: Contains no ingredient(s) applicable to this category.

EYE DAMAGE/IRRITATION:

May cause permanent eye damage.

REPRODUCTIVE TOXICITY:

Contains no ingredient(s) applicable to this category.

GERM CELL MUTAGENICITY:

Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD:

Contains no ingredient(s) applicable to this category.

CARCINOGENICITY:

Contains no ingredient(s) applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:

Not determined.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:

Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:

Contains no ingredient(s) applicable to this category.

DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE:

Not determined.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – Contains no ingredient(s) considered toxic.

Fish – Contains no ingredient(s) considered toxic.

Crustacea – Contains no ingredient(s) considered toxic.

PERSISTENCE AND DEGRADEABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

MOBILITY IN SOIL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

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RESULTS OF PBT and vPvB ASSESSMENT:
Not identified as a PBT or vPvB substance.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:
Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:
Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SEWAGE DISPOSAL:
Do not dispose of mixture via sewage.

SPECIAL PRECAUTIONS FOR WASTE TREATMENT:
Not determined.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:



UN NUMBER: UN1760
LTD QTY: <5 L
UN PROPER SHIPPING NAME: Corrosive liquid, n.o.s.
HAZARD CLASS: 8
PACKAGING GROUP: III
ENVIRONMENTAL HAZARD: No.
TRANSPORT IN BULK: Not determined.
SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

SECTION 15. REGULATORY INFORMATION

EC No 1005/2009: Not determined.
EC No 850-2004: Not determined.
Directive 79/117/EEC: Not determined.

Special Regulations for mixture: None known.
Chemical safety assessment: Not assessed.
REACH Registration: Contact the responsible party listed in Section 1.

SECTION 16. OTHER INFORMATION

REVISION: 3
REVISION DATE: November 2023

REVISION PURPOSE:
Minor text corrections.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

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