

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.

Pro-Universal™ Coil Cleaner**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.

MOST IMPORTANT SYMPTOMS:

Skin and eye exposure may cause permanent damage.

IF INHALED:

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

IF ON SKIN:

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

IF IN EYES:

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

IF SWALLOWED:

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

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

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

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.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP:

Residues from spills can be diluted with water. Absorb caustic residue in clay, vermiculite, or other inert substance and package in suitable container for storage.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

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

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

STORAGE INCOMPATIBILITIES:

Do not store with aluminum or magnesium.

SPECIFIC END USE:

Pre-mixed coil cleaning solution.

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.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

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

SKIN PROTECTION:

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

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

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.

VISCOSITY:

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.

Pro-Universal™ Coil Cleaner**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.

GERM CELL MUTAGENICITY:

Contains no ingredient(s) applicable to this category.

CARCINOGENICITY:

Contains no ingredient(s) applicable to this category.

REPRODUCTIVE TOXICITY:

Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:

Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD:

Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:

Contains no ingredient(s) applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:

Not determined.

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 DEGRADABILITY:

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.

SEWAGE DISPOSAL:

Do not dispose of mixture via sewage.

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.

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.

Special Regulations for mixture: None known.

EC No 850-2004: Not determined.

Chemical safety assessment: Not assessed.

Directive 79/117/EEC: Not determined.

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:

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SDS AUTHORED BY:

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