

SOCOCLEAN ZERO APC

CONCENTRATED WATER-BASED CLEANER & DEGREASER

Technical Data Sheet

Approvals and conformities

ALSTOM	DTRF 150262
CATANA GROUP	In liquid (Ref 000993 - 210 L)
SNCF (French Railways)	Symbol : 0.210.0726 (20 liters) & 0.210.0869 (1000 liters)

SOCOCLEAN ZERO APC or SOCOCLEAN ZERO^{VOC / HAZ} APC is an eco-friendly, VOC-free, water-based cleaner and degreaser. It was developed for the level of cleaning and degreasing required in the industrial manufacturing, processing, operation and maintenance sectors.

SOCOCLEAN ZERO APC is a concentrated cleaning product designed for the removal of burned cutting fluids and oils as well as other hard-to-remove residues. Free from soda, potash, phosphates, nitrites, phenols, and borates, it aims to replace traditional solvents such as MEK, acetone, IPA and other solvent-based degreasers.

- Zero-VOC (volatile organic compounds).
- Zero hazard identification in terms of toxicity and ecotoxicity.
- Zero-CMR – no carcinogenic, mutagenic or reprotoxic substances.
- Zero fire risk associated with its use – non-flammable product.
- Zero irritant or sensitizing effects.
- Zero transport constraints.
- 94% biodegradable*
- Zero corrosivity on metals such as stainless or zinc-plated steels, aluminum, titanium, nickel and cobalt. Very quickly dissolves stains and dirt of mineral, plant or animal origin (e.g. oils, fats, fresh inks, mold, etc.).
- Acts without attacking painted surfaces, plastics, elastomers, glass, etc. Pleasant scent.
- Suitable for work in confined spaces.
- Available in both liquid and pre-impregnated wipe formats.

**as proven by the OECD 301A test (28 day test) - A 94% pure biodegradable substance is considered readily biodegradable according to OECD 301A*

USES

SOCOCLEAN ZERO APC is recommended for inter-operative cleaning and surface degreasing during machining, forming or manufacturing operations across all processing industries.

SOCOCLEAN ZERO APC is ideal for maintenance and allows for efficient cleaning and degreasing of dirt and other hard-to-remove residues present in railway applications:

- Non-corrosive with respect to aluminum, stainless steel and zinc-plated carbon steel (GEOMET 500A zinc flake coating) – tested 20% diluted and neat, in accordance with DTRF standard 150262.

SOCOCLEAN ZERO APC can be used to clean tools and machines.

DIRECTIONS FOR USE

SOCOCLEAN ZERO APC is a ready-to-use product for manual application to be used neat, either using a cloth or pre-saturated wipes.

SOCOCLEAN ZERO APC can be used either neat or diluted for bathing/soaking applications.

In machining or maintenance workshops, use of a hot or cold decanter or degreasing machine is recommended. It can also be used in ultrasonic degreasers to replace the vapor phases.

Applications	Volume of SOCOCLEAN ZERO APC	Volume of water
Cleaning hard-to-remove residues	PURE	N/A
Degreasing	2 to 20%	80 to 98 %
Cleaning equipment & tools	20%	80%

TECHNICAL CHARACTERISTICS

Appearance	clear liquid
Density	(at 20°C/68°F) 1.01
pH	(pure) 10.5
VOC content	0 g/L
Flammability	no

PRECAUTIONS FOR USE AND STORAGE

SOCOCLEAN ZERO APC does not require any special precautions, though it is advisable to wear personal protective equipment. Safety glasses should be worn to avoid contact with the eyes.

Store in the closed, original packaging, and keep the packaging closed after use to ensure the longevity of the product's characteristics.

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For industrial use only.

This technical data sheet replaces and cancels the previous one.

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