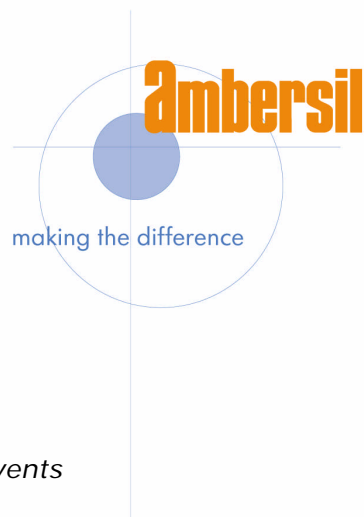


Technical Data



FASTCLEAN 201 **NON-TOXIC COLD DEGREASER**

A substitute for 1,1,1-trichloroethane and other chlorinated solvents

As an immediate substitute for 1,1,1-trichloroethane and other chlorinated solvents, FASTCLEAN 201 responds to the needs of users for all degreasing and surface preparation:

- Equivalent evaporation speed
- Improved surface tension
- High settling power – dirt and grease sink to bottom of tank
- High degreasing power
- Compatible with most plastics*

BENEFITS

- Clear, low odour, cleaner that is quick drying
- High solvent power on most oils and greases – yet is compatible with most plastics*
- Fast evaporation – practically the same as 1,1,1-trichloroethane but leaves the surface dry
- Extremely low surface tension – half that of 1,1,1-trichloroethane – means improved surface wetting to get under dirt more effectively

	Fast Clean 201	1,1,1-trichloroethane
Surface tension at 25°C/dynes/cm ²	12.8	25.5

- Low volumetric weight causes dirt and grease to sink to the bottom of a tank rather than rise to the surface as with 1,1,1-trichloroethane – emerging properly cleaned and not covered in scum.
- Contains no stabilizers, so eliminating hydrolysis
- Is easily recycled at 145°C at atmospheric pressure – lower in vacuum. The absence of stabilizers guarantees distillate characteristics identical to fresh initial product
- Has low toxicity; contains no harmful chemicals

TYPICAL USES

DEGREASING OPERATIONS

- Excellent for removing whole or soluble oils or synthetic origin used for the lubrication of metals and in press or machining operations.
- Rapidly removes oil or waxy temporary protection products.

CLEANING OPERATIONS

- Can be used for cleaning substrates coated in organic or non-organic compounds prior to assembly, chemical and electro-chemical surface treatment, bonding or painting.
- Will also clean electric motors to comply with regulation – without affecting insulating varnishes

DILUTION OPERATIONS

- Can be used as a thinner of many organic materials, including silicone oils

TYPICAL CHARACTERISTICS

	Physical Characteristics	Test Method
Physical Appearance	: Fluid	Visual
Colour	: Colourless	Visual
Odour	: Slight	Smell
Specific Gravity at 25°C	: 0.778 g/ml	NFT 60 101
Flash Point, closed cup	: 0°C	ISO 2719
Auto-Flammability	: >200°C	ASTM E 659
Initial Boiling Point	: 64°C	ASTM D 1078
Freezing Point	: >-70°C	NFT 60 105
Viscosity at 25°C	: 0.766 mm ² /s	ASTM D 445
Evaporation Rate (DEE=1)	: 7	DIN 53 170
KB Index	: 84	ASTM D 1133
Water Solubility	: 20 ppm	-
Surface Tension	: 12.8 dynes/cm ²	ASTM D 971
Refractory Index	: 1.45	ASTM D 1218
Copper Corrosion, 100h at 40°C	: 1A	ASTM D 1616
Sparking Voltage	: 35,000 V	IEC 156.247
Impurities	: Maximum 20 ppm	-
Packaging	: 5, 25 and 200Ltrs	

COMPOSITION

FASTCLEAN 201 is an isotropic solvent formulation containing HFA (hydrofluoroalkanes), isomer and hydrocarbon fractions. The formulation is not classified as being toxic or harmful.

Environmental Characteristics

ODP 0.02

POCP >50

COD5 Not measurable; insufficiently water soluble

BOD5 Not measurable; insufficiently water soluble

Octanol/water split index >3

Acute fish toxicity CL50 > 1,000ppm

WGK No dangerous for water

Toxicological Characteristics

Oral LD50 10g/kg

Inhalation LD50 5ml/litre

Skin LD50 3.5g/kg

SHELF LIFE

3 years minimum in normal storage conditions (dry, room temperature) and in closed original packaging

APPLICATION

This product should be used in lidded containers in accordance with EU Directive L333/8. Our engineers are readily available to advise on methods of application.

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 72 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

CRC Industries UK Ltd provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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CRC Industries UK Limited, Wylds Road, Bridgwater, Somerset, TA6 4DD

Tel: +44 (0) 1278 727200

Fax: +44 (0) 1278 425644

Web: www.ambersil.com

E-mail: sales.uk@crcind.com