

DUO CLEAN

DESCRIPTION

Water-based, alkaline GREEN WORLD and READILY BIODEGRADABLE cleaning product. With active substances based on fruits oils for replacement of VOC products. NSF-registered for use in product processing areas, no processing areas, and/or exterior areas of food processing establishments (A1).

PROPERTIES

- Phosphate- and solvent free cleaner that is ready-to-use
- Effective surfactants and solvents from renewable fruit oils.
- For manual cleaning and in combined with cleaning cloth, brush or scrubber
- Is environmentally and user friendly with 0% VOC and NSF classified.
- Ideal for use in ultrasound, immersion bath and cleaning boxes in temp. maximum 30-35°C.
- Use with brush for large amounts of oil and grease.
- Combines the advantages of both water and solvent based cleaners and are safe on most surfaces such as steel, stainless steel, aluminum etc.
- Provides a temporary protection against corrosion.
- The 20L plastic bucket is made of 50% recycledHDPE and 50% virginHDPE.
- A VEIDEC product is to be considered "Readily Biodegradable" when at least 99% of its constituent substances has the natural ability to fully biodegrade in a set timeframe, tested in accordance with set standards. Duo Clean is 100% Readily Biodegradable!

FIELD OF APPLICATION

- Can applied on many surfaces such as steel, stainless steel, aluminum, non-ferrous metals
- Removes many heavy contaminations such as rubber residues, rubber abrasion, fat, wax, bitumen, carbon black, oil carbon.
- Perfect replacement for traditional solvents and petroleum-based cleaning agents.
- Alternative for (VOC-containing) solvents and petroleum.
- Clean extremely efficient surfaces from grease and oil (even burnt oil), pastes, graphite, rubber, bitumen, wax, fat, proteins and other remains in food industry.
- Provides a temporary corrosion protection that can be cleaned off easily.

USER INSTRUCTIONS

Effective already when cold but cleaning effect increases dramatically when heated up to 30-35°C. Duo Clean is an emulsion (water/surfactants and solvents from renewable fruit oils) and is ready to use. Can be diluted up to 1:50 (2%). Preferable heated to get faster and better results.

1. Apply manually or with brushes in ultrasound- and cleaning stations.
2. Rinse with water and/or wipe dry.

Note: At temperatures of 45-50°C and above the emulsion starts separating. It can be solved by the liquid is mixed continuously. The problem if it gets separated is of course that you do not get the same effect.


DUO CLEAN – DCL – 17
Art.no. 25281 – 25287

Signature: JH

Date: 2023-11-10

This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as the application fields are often very different. The recommendations as to technical use are not binding and do not justify any contractual relationship and subsidiary obligations under the contract of purchase. They especially do not relieve the buyer from testing our product on his own as to the suitability for the designated field of application.

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TECHNICAL DETAILS

Color:	Light yellow. Can slightly vary in color when new and also darken during storage but this has no impact on the cleaning effect or usage.
Packaging:	500 ml plastic trigger bottle w/o trigger: Art.no. 25286 1 liter plastic trigger bottle w/o trigger: Art.no. 25281 5 liters Eco Box: Art.no. 25282 15 liters Eco Box: Art.no. 25283 20 liters plastic bucket: Art.no. 25283-20 200 liters: Art.no. 25284 1000 liters IBC tank: Art.no. 25287
Accessories:	White trigger 1l: Art.no. 15249 Tap 5l/15l Eco Box: Art.no. 35204 Tap 20l: Art.no. 35224 Tap 200l: Art.no. 35227 Pump 200l: Art.no. 35223 Air Mix Duo Clean: Art.no. 15215-3
Odor:	Light, fruit
pH value:	Ca 10,7 (20 °C)
Density (20°C):	Ca 1.03 g/l.
VOC (directive 2010/75/EU):	0,0%
Readily Biodegradable:	100%
Shelf life (+2°C to +30 °C):	24 months.
Temperature resist:	+5°C to +30°C Avoid temp. under 0°C
Application & Surface temperature:	+15°C to +65°C
Certificates & Registrations:	GREEN WORLD, READILY BIODEGRADABLE, NSF - A1, BASTA, Kemikaliesvepet.
Other:	In compliance with the legal regulations, please see current Material Safety Data Sheet. https://veidec.com/en/msds
User Instruction:	Scan the QR-code for MSDS, video and other information.

CERTIFICATES/REGISTRATIONS



GREEN WORLD



READILY BIODEGRADABLE.


 NSF-registered A1 147697
<http://www.nsf.com/USDA/letters/147697.pdf>


Duo Clean is registered by BASTA.



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Criteria in the selection of solvent	Duo Clean	Water based. Generally	Petroleum / Solvent based
Price.	☹️	☹️	☹️
R & S phrases, marking, NSF approval.	✅	❌	❌
Environmentally friendly and ecologically sustainable.	✅	✅	❌
Safe for users, skin and inhalation.	✅	❌	❌
VOC internal/external requirements & target.	✅	✅	❌
Storage & fire safety.	✅	✅	❌
Transportation, cost & safety (dangerous goods).	✅	✅	❌
Cleaning power on oil.	✅	❌	✅
Cleaning power on greases & lubricants.	✅	❌	✅
Cleaning power on fat, food & proteins.	✅	✅	❌
Cleaning power on wax, paint, bitumen, rubber.	✅	❌	✅
Multifunctional for use in HPW, scrubbing machines.	✅	✅	❌
Heatable.	✅	✅	❌
Evaporation.	✅/❌	✅/❌	✅/❌
For use in ultrasonic cleaners and washing stations.	✅	✅	✅/❌
Reusable in washing stations.	✅	✅	❌
Possible to dilute with water (cost per litre).	✅	✅	❌
Bio-renewable	✅	☹️	❌

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