PROFESSIONAL CLEANING SYSTEM | TECHNICAL INFO

DUO CLEAN

DESCRIPTION

Water-based, alkaline cleaning product. 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.
- Combines effective surfactants with renewable fruit oils.
- Ready-to-use
- 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 ultra sound, 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.







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. DCL is an emulsion (water/fruit oils) and is ready to use. Can be diluted up to 1:50 (2%). Preferable heated to get faster and better results.

DUO CLEAN – DCL – 17	Art.no. 25281 – 25284
Signature: JH	Date: 2019-08-15

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.

DUO CLEAN

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 fruit oil starts separating from the liquid. 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.

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:	Plastic buckets of: 1 liter trigger bottle w/o trigger: Art.no. 25281 5 liter: Art.no. 25282 20 liter: Art.no. 25283 200 liter: Art.no. 25284
Accessories:	White trigger 1l: Art.no. 15249 Tap 5l: Art.no. 35226 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 10,8 (20 °C)
Density (20°C):	Ca 1.03 g/l.
Shelf life (+2°C to +30 °C):	12 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, NSF - A1, BASTA, Kemikaliesvepet.
Other:	In compliance with the legal regulations, please see current Material Safety Data Sheet. http://www.veidec.com/msds/safety-data-sheets/
User Instruction:	Scan the QR-code for MSDS, video and other information.

CERTIFICATES/REGISTRATIONS

GREEN WORLD

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

Duo Clean is registered by BASTA.

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VEIDEC®

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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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