

1066 - Envodose Viral Plus Cleaner/Sanitiser

Version: 3



Review date: 07/04/15

RE EC/453/2010 - ISO 11014-1

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Product identifier: **1066 - Envodose Viral Plus Cleaner/Sanitiser Tub of 150**
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Cleaner disinfectant deodoriser for floors and general surfaces
1. 3. Details of the supplier of the safety data sheet: Merton Group UK Ltd
Unit 9 Foxholes Road
off Golf Course Lane
Leicester
LE3 1TH
Phone: 0116 231 4040
1. 4. Product code nr: **1066**
1. 5. Emergency telephone number: Merton Group UK Ltd : 0116 231 4040

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: In accordance with Regulation (EC) No 1272/2008 and its adaptations
* Acute Tox. 4 / SGH07 - H302 *
* Skin Corr. 1A / SGH05 - H314 *
* Aquatic Acute 1 / SGH09 - H400 *
- Accordance with Directive 67/548 / EEC, 1999/45 / EC and their amendments
C R34
N R50
2. 2. EC number: Not applicable.
2. 3. Contains:
 - Chlorure de N-alkyl(C12-14)-N-benzyl-N,N-dimethylammonium
 - Alcool gras ethoxylé
 - Ammonium quaternaire
2. 4. Label elements (R - S):
- 

2. 4. 1. Symbol(s): C - Corrosive ; N - Dangerous for the environment
2. 4. 2. R-phrase(s): 34 Causes burns.
50 Very toxic to aquatic organisms.
2. 4. 3. S-phrase(s): 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of de l'eau
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2. 5. Label elements (CLP - SGH):



2. 5. 1. Symbol(s): .
2. 5. 2. Hazard statement: H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
2. 5. 3. Prevention: P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P260 Do not breathe dust / fume / gas / mist / vapours / spray.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P273 Avoid release to the environment.
2. 5. 4. Response: P301 IF SWALLOWED:
P312 Call a POISON CENTER / doctor .

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P330 Rinse mouth.
P331 Do NOT induce vomiting.
P303 IF ON SKIN (or hair):
P361 Take off immediately all contaminated clothing.
P353 Rinse skin with water / shower.
P363 Wash contaminated clothing before reuse.
P304 IF INHALED:
P340 Remove person to fresh air and keep comfortable for breathing.
P310: Immediately call a POISON CENTER / doctor.

P305 IF IN EYES:
Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P391 Collect spillage.

2. 5. 5. Storage:

2. 5. 6. Disposal:

P501 Dispose of contents / container in accordance with national regulation

2. 6. Other hazards:

Contains no water use in solution

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Formula:

191341

3. 2. Description of the mixture:

Perfume containing one or more allergens to a concentration of > 0.01%: coumarin

3. 3. Component(s) contributing to the hazard:

- sodium carbonate
- Id nr: 011-005-00-2 - CE nr: 207-838-8 - CAS nr: 497-19-8 - REACH registration number : 01-2119485498-19
- Conc. (weight %) : 50 < C <= 60
- R-S : Classification: • Xi; R 36 •
- SGH : SGH07 - Irr. oc. 2A - Exclamation mark - Warning - H319 - Irr. oc. 2B
- Chlorure de N-alkyl(C12-14)-N-benzyl-N,N-dimethylammonium
- CE nr: 287-089-1 - CAS nr: 85409-22-9
- Conc. (weight %) : 5 < C <= 10
- R-S : Symbol(s): C N - R-phrases(s): 22-34-50
- SGH : SGH07 - Acute Tox. 4 - Exclamation mark - Warning - H302 - SGH05 - Skin Corr. 1B - Corrosion - Danger - H314 SGH09 - Aquatic Acute 1 - Environment - Warning - H400
- Alcool gras ethoxylé
- CAS nr: 157627-86-6
- Conc. (weight %) : 1 < C <= 5
- R-S : Symbol(s): Xn - R-phrases(s): 22-41
- SGH : SGH07 - Acute Tox. 4 - Exclamation mark - Warning - H302 - SGH05 - Eye Dam. 1 - Corrosion - Danger - H318 - Aquatic. Chronic 3 - H412
- Miscellaneous :
NOEC / = >0,1 - <1 mg/l
LC50 / Acute toxicity - aquatic / 48h / Fish = >1 - <10 mg/l
CE50 / Acute toxicity - aquatic / 72h / Algae = >1 - <10 mg/l
CE50 / Acute toxicity - aquatic / 48h / Daphnia magna = >1 - <10 mg/l
- Ammonium quaternaire
- CAS nr: .7173-51-5
- Conc. (weight %) : 1 < C <= 5
- R-S : Symbol(s): C N - R-phrases(s): 10-22-34-50-67
- SGH : SGH06 - Acute Tox. 3 - Skull and crossbones - Danger - H301 - SGH05 - Skin Corr. 1B - Corrosion - H314 SGH09 - Aquatic Acute 1 - Environment - Warning - H400

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

4. 1. 1. General advice:

For symptom description, see item 11.

4. 1. 2. Inhalation:

Take victim to fresh air, in a quiet place and if necessary take medical advice.

4. 1. 3. Skin contact:

Take off immediately all contaminated clothing.
Rinse thoroughly with plenty of water for at least 20 minutes and take medical advice.

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4. 1. 4. Eye contact:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
4. 1. 5. Ingestion:	If swallowed, seek medical advice immediately and show this container or label.
4. 2. Most important symptoms and effects, both acute and delayed:	.
4. 2. 1. Inhalation:	irritation of mucous membranes.
4. 2. 2. Skin contact:	Causes burns.
4. 2. 3. Eyes contact:	Risk of serious damage to eyes
4. 2. 4. Ingestion:	Not determined.
4. 3. Indication of any immediate medical attention and special treatment needed :	Notes to physician

5. FIREFIGHTING MEASURES

5. 1. Extinguishing media:	The product itself does not burn. In case of fire in the surroundings: all extinguishing agents allowed.: foam, powder, carbon dioxide (CO2), water spray
5. 2. Special hazards arising from the substance or mixture:	In case of fire and/or explosion do not breathe fumes.
5. 3. Advice for firefighters:	Use a self-contained breathing apparatus and also a protective suit.
5. 4. Extinguishing media which must NOT be used for safety reasons:	None.

6. ACCIDENTAL RELEASE MEASURES

6. 1. Personal precautions, protective equipment and emergency procedures:	Avoid dust formation. Avoid contact with skin, eyes, or clothing.
6. 2. Environmental precautions:	Do not allow to enter drains or water courses.
6. 3. Methods and material for containment and cleaning up:	Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel). Shovel into suitable and closed container for disposal.
6. 4. Reference to other sections:	Concerning personal protective equipment to use, see item 8. Concerning disposal elimination after cleaning, see item 13.

7. HANDLING AND STORAGE

7. 1. Handling:	
7. 1. 1. Precautions for safe handling:	Avoid dust to spread. When using do not eat or drink. Handle with dry hands
7. 1. 2. Technical condition(s):	Never mix with other materials.
7. 1. 3. Safe handling advice(s):	Keep container tightly closed to prevent moisture pick-up.
7. 2. Storage:	
7. 2. 1. Conditions for safe storage, including any incompatibilities:	Keep container tightly closed and dry.
7. 2. 2. Storage condition(s):	Store in a dry place.
7. 2. 3. Separation of incompatible product(s):	Keep away from: acids
7. 2. 4. Packaging / tank material:	Plastic packaging are recommended.
7. 3. Specific end use(s):	business Use

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:	
8. 1. 1. Exposure limit(s):	

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8.2. Exposure controls:

- 8.2.1. Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.
- 8.2.2. Hand protection: PVC or other plastic material or natural rubber gloves
- 8.2.3. Skin and body protection: Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.
Wear suitable protective clothing
- 8.2.4. Eye protection: Wear eye/face protection
- 8.2.5. Personal protection equipment: Avoid contact with skin, eyes and clothing.
- 8.3. Hygiene measure(s): Handle in accordance with good industrial hygiene and safety practice.
Remove and wash contaminated clothing before re-use.
Do not eat, drink, or smoke during work.
Wash hands immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

- 9.1.1. Appearance: Powder in polyvinyl alcohol film
- 9.1.2. Colour: green
- 9.1.3. Odour: pine tree
- 9.1.4. PH: Not applicable.
- 9.1.5. Boiling point/range: Not applicable
- 9.1.6. Flash point: Not applicable
- 9.1.7. Explosion limits: Not applicable
- 9.1.8. Relative density (water = 1): Not applicable
- 9.1.9. Bulk density: 0,695 à 20°C
- 9.1.10. Viscosity: Not concerned

9.2. Other information:

- 9.2.1. Water solubility: completely soluble
- 9.2.2. Fat solubility: Not applicable.
- 9.2.3. Solvent solubility: Not applicable.

10. STABILITY AND REACTIVITY

- 10.1. Reactivity: Stable at normal conditions.
- 10.2. Chemical stability: The Stable and handling conditions under recommended storage Section 7 of the SDS.
- 10.3. Possibility of hazardous reactions: Do not mix with other products
- 10.4. Conditions to avoid: None under normal use.
- 10.5. Incompatible materials: Do not mix with: acids
- 10.6. Hazardous decomposition products: Do not breathe fumes.

11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects: No available information on preparation.
- 11.2. Acute toxicity:
- 11.2.1. Inhalation: irritation of mucous membranes

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11. 2. 2. Skin contact: Causes burns.
11. 2. 3. Eyes contact: Risk of serious damage to eyes.
11. 2. 4. Ingestion: Not determined

12. ECOLOGICAL INFORMATION

12. 1. Toxicity: should not be pouring pure and in large quantities directly into the environment
12. 2. Persistence and degradability: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004
12. 3. Bioaccumulative potential: Not determined
12. 4. Mobility in soil: Not determined
12. 5. Results of PBT and vPvB assessment: Not determined
12. 6. Other adverse effects: -
12. 6. 1. Toxicity to fish: Didecyldimethylammonium chloride (N°CAS: 7173-51-5)
CL50 Poisson (96h) Pimephales promelas: 0,19 mg/l
CE50 Daphnies (48h) Daphnia magna: 0,062 mg/l
CE50 Bactéries (3h) Boue activée: 11 mg/l

Chlorure de N-alkyl(C12-16)-N,N-diméthyl-N-benzylammonium (N°CAS: 68424-85-1)
CL50 Poisson (96h) Pimephales promelas: 0,28 mg/l
CE50 Daphnies (48h) Daphnia magna: 0,06 mg/l
CE50 Bactéries (3h) Boue activée: 7,75 mg/l

13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods: Collect all waste in suitable and labelled containers and dispose according to local legislation.
13. 2. Contaminated packaging: Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.
13. 3. Local / national disposal regulation(s):

14. TRANSPORT INFORMATION

14. 1. General information(s): Transport followed ADR, IMDG, IATA
14. 2. UN number: 1759
14. 2. 1. UN proper shipping name: SOLIDE CORROSIF, N.S.A. - CORROSIVE SOLID, N.O.S. (contient du Chlorure de N-alkyl(C12-14)-N-benzyl-N,N-diméthylammonium)
14. 3. Land (Road / Railway: ADR/RID):
14. 3. 1. Transport hazard class(es): 8
14. 3. 2. Packing group: III
14. 3. 3. ADR/RID-Labels: 8
14. 3. 4. Code danger: 80
14. 3. 5. Classification code: C10 274
14. 3. 6. Packing instructions: P002 IBC08 LP02 R001 -/- B3
14. 4. Sea (IMDG):
14. 4. 1. Class: 8
14. 4. 2. Packaging group: III
14. 4. 3. Marine pollutant: Yes
14. 4. 4. EmS number: F-A, S-B
14. 4. 5. IMDG-Label(s): 8
14. 4. 6. Packing instructions: P002 LP02

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14. 5. Air (ICAO/IATA):

- | | |
|------------------------------|-----------------------------|
| 14. 5. 1. ICAO/IATA class: | 8 |
| 14. 5. 2. Packing group: | III |
| 14. 5. 3. ICAO/IATA-Labels: | 8 |
| 14. 5. 4. Important remarks: | Passager and cargo aircraft |
14. 6. Environmental hazards: yes
14. 7. Special precautions for user: See sections 7 and 8.
14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not determined

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: According to the European regulation on the classification, packaging and labeling of hazardous substances.
15. 2. Chemical safety assessment: .

16. OTHER INFORMATION

16. 1. According legislation(s): This safety data sheet is in compliance with regulation (CE) 1907/2006 - 1272/2008 and adaptings.
16. 2. Text of the phrases listed in section 3:
- R36 Irritating to eyes.
R22 Harmful if swallowed.
R34 Causes burns.
R50 Very toxic to aquatic organisms.
R41 Risk of serious damage to eyes.
R10 Flammable.
R67 Vapours may cause drowsiness and dizziness
H319 Causes serious eye irritation.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
H301 Toxic if swallowed.
16. 3. Important remarks:
- Information in this safety data sheet is based on actual knowledge in our possession and our experience.
It is user's liabilities to take all necessary measures to meet local required laws and regulations.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
- ECE Regulation 648/2004 following composition:
Didecyldimethylammonium chloride (CAS No. 7173-51-5): 4.2% (m / m)
Benzalkonium chloride (CAS No. 85409-22-9): 6.5% (m / m)
Non-ionic surfactants :<5%
Perfume, coumarin
disinfectant
16. 4. Restrictions: This information relates to the specific material designated and may not be valid in combination with other product(s).
The use of this preparation is reserved to the professional users.
16. 5. History:
- | | |
|-----------------------------------|-----------|
| 16. 5. 1. First edition date: | 05/04/12 |
| 16. 5. 2. Previous revision date: | 16/06/14 |
| 16. 5. 3. Review date: | 07/04/15 |
| 16. 5. 4. Version: | 3 |
| 16. 5. 5. Review chapter(s) n°: | 2-3-15-16 |
16. 6. Written by: COPAK