

**MATERIAL SAFETY DATA SHEET**

According EC 91/155

1. Identification of the substance/preparation

MSDS : 22464
Product code 12nc : 4222 018 55311
Supplier : PHILIPS DOMESTIC APPLIANCES AND PERSONAL CARE
Tradename : CLEANING FLUID HQ200
General description : CLEANING FLUID
Use : Various
Publicationdate : 2007-04-26
General information : dangerous.goods@philips.com
Emergency phonenumber : +31 (0)497-598315

2. Composition/information on ingredients

Component	CAS-no	EC-no	Catalogue-no	Percentage(%)	EC-label
PHENOXYETHANOL, 2-ETHYLHEXYLOXY)PROPANE-1,2-DIOL, 3-(2-ANIONIC DETERGENT	122-99-6	204-589-7	603-098-00-9	<2.0	Xn;R: 22 36
NON IONIC DETERGENT	70445-33-9	408-080-2	603-168-00-9	<1.0	Xi;R: 41 52/53
PERFUME				<5.0	
WATER	7732-18-5	231-791-2		<5.0	
				≥95.0	

3. Hazard identification**4. First-aid measures**

Skin : Remove residue substance as soon as possible from the skin (f.i. rinse with much water).
Ingestion : Let drink 1 or 2 glasses of water. In case of general disorders call for a doctor.
Inhalation : Bring the victim into the fresh air as soon as possible, let rest and if necessary call for a doctor.
Eyes : Rinse for a long time with much water. In case of eye-sight disturbances consult a doctor.
Remarks first aid : none

5. Fire fighting measures

Fire-extinguisher : determined by surrounding
Unsuitable fire-extinguisher : not traceable
Special fire-fighting equipment : In the event of fire, wear protective clothing and use breathing apparatus that is independent of the ambient air.
Hazardous decomposition products in fire : carbon monoxide

6. Accidental release measures

Spillage procedure : Absorb the liquid in appropriate absorbent (e.g. Powersorb, dry sand, diatomite, vermiculite etc.), shovel the mixture into plastic bags and remove to the central depot for hazardous waste.
Emergency procedure : not applicable

7. Handling and storage

Local exhausting : Under normal circumstances not applicable.
Storage conditions : Store product frost free.
Storage code (on behalf of PGS 15) : none

8. Exposure controls/personal protection**Exposure limits :****applicable to: Netherlands (20 °C; 1013 mbar)**TLV: 110 mg/m³

No MAC(STEL) has been laid down.

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PHENOXYETHANOL, 2-ETHYLHEXYLOXY)PROPANE-1,2-DIOL, 3-(2-ANIONIC DETERGENT
NON IONIC DETERGENT
PERFUME
WATER**applicable to: Germany (20 °C; 1013 mbar)**TLV: 110 mg/m³

PHENOXYETHANOL, 2-

C=Ceiling; S=Skin

Remarks exposure limits :

none
Odour threshold (20°C; 1013 mbar) :
 not traceable
Advised personal protection :
 Hands : none (when used normally)
 Eyes : none (when used normally)
 Inhalation : none (when sufficient exhausting)
 Skin : none (when used normally)

9. Physical and chemical properties

Physical state : liquid
Colour : blue
Odour : like lemon
Vapor rate/range : not traceable
Boiling point/range : ≥100 °C (1013 mbar)
Melting point/range : ≤0 °C
Flash point/range : not applicable
Explosive limits : not applicable
Dust explosions possible in air : not applicable
Relative density : 1.003 (water=1) (20 °C)
Vapour pressure : ≤2.3 kPa (20 °C)
Solubility in water : complete
Solubility in fat : not traceable
pH : 5.5
Viscosity : <5.0 mPa.s (20 °C)
Autoignition temperature : not applicable
Decomposition temperature : not traceable
Electrostatic chagement : no

10. Stability and reactivity

Conditions to avoid : none
Reactions with water : no
Hazardous reactions with : none
Hazardous decomposition products at heating : none

11. Toxicological information

Symptoms

Skin
 local : The substance is prickling: redness.
 general : Probably no absorption worth mentioning.
Ingestion
 local : The substance is prickling: sore throat.
 general : Probably no absorption worth mentioning.
Inhalation
 local : The substance is with atomising prickling: sore throat.
 general : Probably no absorption worth mentioning.
Eyes
 local : The substance is prickling: redness.
Remarks symptoms : None

Toxicity :

LD-50: 1.26 g/kg (ORL-RAT), PHENOXYETHANOL, 2- **Source** : IUCLID
 LD-50: 14.422 g/kg (SKN-RAT), PHENOXYETHANOL, 2- **Source** : IUCLID
 LD-50: 554 mg/kg (IPR-RAT), PHENOXYETHANOL, 2- **Source** : Sigma-Aldrich

Ames test : negative PHENOXYETHANOL, 2- **Source** : IUCLID

12. Ecotoxicological information

Biological oxygen demand (5) : 0.002 g/g PHENOXYETHANOL, 2- **Source** : IUCLID
Chemical oxygen demand : 2.127 g/g PHENOXYETHANOL, 2- **Source** : IUCLID
Biological(5)/chemical oxygen demand ratio : 0.0009 PHENOXYETHANOL, 2-
Degradability : easy degradable PHENOXYETHANOL, 2- **Source** : IUCLID
Biochemical factor : not traceable
Log Po/w : 1.13 PHENOXYETHANOL, 2- **Source** : IUCLID
Henry Constant : 2.02E-7 atm m³/mol PHENOXYETHANOL, 2- **Source** : Easi View

Ecotoxicity :

LC-50: 344 mg/l/96H (Fish), PHENOXYETHANOL, 2- **Source** : IUCLID
 EC-50: >500 mg/l/48H (Daphnia), PHENOXYETHANOL, 2- **Source** : IUCLID
 IC-50: >500 mg/l/72H (Algae), PHENOXYETHANOL, 2- **Source** : IUCLID

Remarks on ecotoxicity : none

13. Disposal considerations

Remainder material or uncleaned empty packagings have to be incinerated in a proper installation or dumped on an approved landfill, in accordance with local and national legislation.

14. Transport information

Not subject to Transport-regulation Dangerous Substances

15. Regulatory information

EC-Label : not applicable
Remarks on EC-labeling : none

16. Other information

Remarks on MSDS : none
Inner company references : none

Overview relevant R-sentences from all components in section 2 :

22	Harmful if swallowed.
36	Irritating to eyes.
41	Risk of serious damage to eyes.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Date last update : 2007-03-06

* Point to alterations with regard to the previous version.

The information provided in this Material Safety Data Sheet is correct to the best of the knowledge, information and belief of Philips Electronics Nederland B.V. at the date of its printing.