
SAFETY DATA SHEET

SECTION 1 Identification of the substance or preparation and of the company/undertaking**1.1 Product identifier**

- Product Name: DECKMASTER (PFC)
- Product Part Number: 777471 (25L Plastic drum)

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/preparation:
- Cleaning agent

1.3 Details of the supplier of the safety data sheet

Name of Supplier:

Head Office:

Wilhelmsen Ships Service AS
Strandveien 20, N1324 Lysaker,
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS
Willem Barentszstraat 50
3165AB Rotterdam
Telephone: +31 4877 777
Fax: +31 4877 888
The Netherlands

Other suppliers SEE SECTION 16!!!

For quotations contact your local Customer Services

-
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+

44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777Australia: +61 3 9630 0998

Giftinformasjonsentralen in Norway Tel.: +47 22591300

Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

****FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES****

SECTION 2 Hazards identification**2.1 Classification of the substance or mixture**

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: C
- Causes burns (R34)
-
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Symbols: GHS05
- Signal Word:

SECTION 2 Hazards identification (....)

- Skin Corr. 1B
- Met. Corr. 1
- Causes severe skin burns and eye damage (H314).
- May be corrosive to metals (H290).
-

2.2 Label elements

- Signal Word: Danger
- Skin Corr. 1B
- Met. Corr. 1
-
- Contains:
- Glycolic acid
- Fatty alcohol ethoxylates
- Quaternary C12-C14 alkylamine ethoxylate, chloride
- 2-(2-Butoxyethoxy)ethanol
-
- Hazard phrases
- Causes severe skin burns and eye damage (H314).
- May be corrosive to metals (H290).
- Precautionary Phrases
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII
- Odour: Perceptible odour
- Appearance: Liquid, off-white, green, miscible with water

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Glycolic acid
 - Concentration: 1-5 %
 - CAS Number: 79-14-1
 - EC Number: 201-180-5
 - R/H Phrases: R34, R22 - H302, H314
 - Symbols: C - GHS07, GHS05
 - Categories: Acute Tox. 4, Skin Corr. 1B
- Fatty alcohol ethoxylates
 - Concentration: 5-10%
 - CAS Number: 160875-66-1
 - EC Number: Not applicable
 - R/H Phrases: R22, R41 - H302, H318
 - Symbols: Xn, GHS07, GHS05
 - Categories: Acute Tox. 4, Eye Dam. 1
- Quaternary C12-C14 alkylamine ethoxylate, chloride

SECTION 3 Composition/information on ingredients (....)

- Concentration: 1-5%
CAS Number: 863679-20-3
EC Number: -
R/H Phrases: R38, R41, R22 - H302, H318, H315
Symbols: Xn, GHS07, GHS05
Categories: Acute Tox. 4, Eye Dam. 1, Skin Irrit. 2
- 2-(2-Butoksyethoxy)ethanol
Concentration: 1-5 %
CAS Number: 112-34-5
EC Number: 203-961-6
R/H Phrases: R36 - H319
Symbols: Xi, GHS07
Categories: Eye Irrit. 2
-

SECTION 4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- Seek medical advice if necessary
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Seek immediate medical attention
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- Never give anything by mouth to an unconscious person
- Get immediate medical advice/attention (P315).
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes and skin
- In cases of severe exposure, shortness of breath may develop
- The ingestion of significant quantities may cause burning sensation
- The ingestion of significant quantities may cause damage to stomach lining

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
-

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Keep container(s) exposed to fire cool, by spraying with water

5.2 Special hazards arising from the substance or mixture

- Low hazard expected under normal conditions of use

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
-

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
 - Wash thoroughly after dealing with spillage
-

SECTION 6 Accidental release measures (....)

6.2 Environmental Precautions

- Do not flush spilt material into any public water system
- Avoid release to the environment (P273).

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete
- Place in sealable container
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 13
-

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- See Section 8
- Do not handle until all safety precautions have been read and understood (P202).
- Do not get in eyes, on skin, or on clothing (P262).
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed (P233).
- Keep in a cool, dry, well ventilated place
- Avoid contact with alkalis (strong bases)

7.3 Specific end use(s)

- Contact supplier for further information
-

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- 2-(2-Butoksyethoxy)ethanol
TLV (TWA) 68 mg/m³ ()

8.2 Exposure controls

- No special ventilation is required unless the product is used in a spray form

8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
 - No respiratory protection is required unless subject to contact with substance mist
 - wet particles
-

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Perceptible odour
- Appearance: Liquid, off-white, green, miscible with water
- pH 2 - 2,5
- Density 1,015 - 1,025 g/cm³ at 20 deg C

9.2 Other information

SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- Avoid contact with metals
- Reaction products may include hydrogen
- Contact with metals may form explosive gases

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral,rat) 300-2000 (Fatty alcohol ethoxylate) mg/kg
- LD50 (oral,rat) 2040 (Glycolic acid) mg/kg
- LD50 (oral,rat) 300-2000 (Quaternary C12-C14 alkyleamine ethoxylate, chloride) mg/kg
- LD50 (oral,rat) >2000 (2-(2-Butoksyethoxy)ethanol) mg/kg

11.2 Contact with eyes

- Causes redness and irritation
- Can cause damage to the eyes

11.3 Contact with skin

- Causes redness and irritation

11.4 Ingestion

- Causes severe irritation
- The ingestion of significant quantities may cause damage to stomach lining

11.5 Inhalation

- In cases of severe exposure, irritation may develop
-

SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (fatty alcohol ethoxylate) 1-10 mg/l (96 hr)
- LC50 (fish) (Glycolic acid) 164 mg/l (96 hr)
- LC50 (fish) (Quaternary C12-C14 alkyleamine ethoxylate, chloride) 10-100 mg/l (96 hr)
- LC50 (fish) (2-(2-Butoksyethoxy)ethanol) >100 mg/l (96 hr)
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- Completely soluble in water
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SECTION 12 Ecological information (....)

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- EU Waste class: 06 01 06
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SECTION 14 Transport information

14.1 UN

- UN No.: UN3265
- Proper Shipping Name: CORROSIVE LIQUID, acidic, organic, N.O.S (Glycolic acid)
- Hazard Class: 8
- Packing Group: III

14.2 Environmental hazards

- On available data, substance is not harmful to the environment

14.3 Special precautions for user

- No special precautions are required for this product

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable
- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: UN3265
- Proper Shipping Name: CORROSIVE LIQUID, acidic, organic, N.O.S (Glycolic acid)
- ADR Hazard Class: 8
- ADR Packing Group: III
- ADR subrisk: -
- ADR Flashpoint: -

14.6 Sea (IMDG)

- IMDG UN No.: UN3265
- Proper Shipping Name: CORROSIVE LIQUID, acidic, organic, N.O.S (Glycolic acid)
- IMDG Hazard Class: 8
- IMDG Pack Group: III
- IMDG EmS: F-A, S-B
- IMDG subrisk: -
- IMDG Flashpoint: -

14.7 Air (ICAO/IATA)

- ICAO Un No.: UN3265

SECTION 14 Transport information (....)

- Proper Shipping Name: CORROSIVE LIQUID, acidic, organic, N.O.S (Glycolic acid)
- ICAO Hazard Class: 8
- ICAO Packing Group: III
- ICAO subrisk: -
- ICAO Flashpoint: -

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: UN3265
 - DOT Proper Shipping Name: CORROSIVE LIQUID, acidic, organic, N.O.S (Glycolic acid)
 - DOT Labels:
 - Product RQ (lbs):
 - Hazardous Material: Glycol acid
 - Hazard Class: 8
 - DOT subrisk: -
 - DOT Flashpoint: -
-

SECTION 15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents:
 - Nonionic surfactants 5-15 %
 - Does not contain phosphate.

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet: - H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. R22: Harmful if swallowed. R34: Causes burns. R36: Irritating to eyes. R38: Irritating to skin. R41: Risk of serious damage to eyes.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

SECTION 16 Other information (....)

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

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