
SAFETY DATA SHEET

SECTION 1 Identification of the substance or preparation and of the company/undertaking

1.1 Product identifier

- Datasheet Number: 603068
- Product Name: WEARBRO FLUX 262 PF
- Product Part Number: 603068

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

- Welding flux

1.3 Details of the supplier of the safety data sheet

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, Tel.: +31 10 4877775
Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

1.4 Emergency telephone number

-ONLY TO BE USED IN CASE OF AN INCIDENT-

NCEC:+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

- Classification according to Regulation (EC) No 1272/2008
- Symbols: GHS08
- May damage fertility or the unborn child (H360)
- Repr. 1B
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- Classification according to Directive 67/548/EEC or Directive 1999/45EC
- Symbols: T
- May impair fertility (R60)
- May cause harm to the unborn child (R61)

SECTION 2 Hazards identification (....)

2.2 Label elements



Toxic

- Classification according to Directive 67/548/EEC or Directive 1999/45EC
- Contains:
 - boric acid
- Risk Phrases
 - May impair fertility (R60)
 - May cause harm to the unborn child (R61)
- Safety Phrases
 - Avoid exposure - obtain special instructions before use (S53)
 - Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point (S29/56)
 - Wear suitable protective clothing (S36)
 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

2.3 Other hazards

- ***SUBSTANCES OF VERY HIGH CONCERN (SVHC) ACCORDING TO REACH, ARTICLE 57***: Boric Acid, CAS: 10043-35-3
- Not a PBT according to REACH Annex XIII

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- boric acid
 - Concentration: 25-30%
 - CAS Number: 10043-35-3
 - EC Number: 233-139-2
 - R/H Phrases: H360FD, R60,R61
 - Symbols: GHS08, T
 - Categories: Repr. 1B

SECTION 4 First aid measures

4.1 Description of first aid measures

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Get medical advice/attention (P313).
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- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- When in doubt or symptoms persist, seek medical attention
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- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).

4.2 Most important symptoms and effects, both acute and delayed

- No information available

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

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear 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

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand

6.4 Reference to other sections

- See Section 13
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place

7.3 Specific end use(s)

- Not applicable
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Not applicable

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls

- Ensure adequate ventilation
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask
- Wear rubber gloves
- Penetration time of glove material:
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.



Gloves

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: paste, white, partly soluble in water
- Odour: Characteristic odour
- pH: pH: 6 (10 g/l H₂O; 20°C)
- Boiling Point/Range: >100 C
- Vapour Pressure: Vapour pressure 23 hPa at 20 deg C
- Density: Density 1.3 g/cm³ at 20 deg C

9.2 Other information

- No information available
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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

- No special precautions are required for this product

10.5 Incompatible materials

- None

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) 2660 mg/kg

11.2 Contact with eyes

- In cases of severe exposure, irritation may develop

11.3 Contact with skin

- In cases of severe exposure, irritation may develop

11.4 Ingestion

- No information available but must be considered harmful

11.5 Inhalation

- In cases of severe exposure, irritation may develop
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SECTION 12 Ecological information

12.1 Toxicity

- Not available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available
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SECTION 12 Ecological information (....)

12.4 Mobility in soil

- No information available

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

- Disposal should be in accordance with local, state or national legislation
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
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SECTION 14 Transport information

14.1 UN Number

- Not applicable

14.2 UN Proper Shipping Name

- Not applicable

14.3 Transport hazard class(es)

- Not applicable

14.4 Packing group

- Not applicable

14.5 Environmental hazards

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

14.6 Special precautions for user

- No special precautions are required for this product

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

- Not applicable
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SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- ***SUBSTANCES OF VERY HIGH CONCERN (SVHC) ACCORDING TO REACH, ARTICLE 57***: CAS:10043-35-3, boric acid

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:- H360FD: May damage fertility. May damage the unborn child. R60: May impair fertility. R61: May cause harm to the unborn child.

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

SECTION 16 Other information (....)

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

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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