
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

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

- Product Name: Fuel Power Soot Remover Liquid Plus
- Product Part Number: 778848

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

- Use of the substance/mixture: Fuel oil treatment.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentszstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
-
- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- 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

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
 -
 - International 24hrs Emergency NCEC: +44 1865 407333
 - American Chemistry Council 24hrs +1 703 527 3887
 - American 24hrs Emergency CHEMTREC (800) 424 9300
 - Greece: Poisoning emergency center, +30 210 7793777
 - Norway: Poison information centre, +47 22591300
 - Sweden: Poison information centre, +46 08 33 12 31
 - China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
 - Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998
 -
 - The Netherlands: National Poisons Information Centre + 31 30 274 88 88
-

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

- Not classified as hazardous for users

2.2 Label elements

SECTION 2 Hazards identification (....)

- Signal Word: Warning
- Eye Irrit. 2
-
- Contains:
- Ammoniumnitrate
- Potassiumnitrate
- Magnesiumnitrate
-
- Hazard phrases
- Causes serious eye irritation (H319).
- Precautionary Phrases
- Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If eye irritation persists: Get medical advice/attention (P337+P313).

2.3 Other hazards

- Appearance: Liquid, blue, green
- Odour: Odourless
- Not a PBT according to REACH Annex XIII

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

- Ammoniumnitrate
 - Concentration: 5-10 %
 - CAS Number: 6484-52-2
 - EC Number: 229-347-8
 - R/H Phrases: R8 - H319, H272
 - Symbols: O, GHS07, GHS03
 - Categories: Eye Irrit. 2, Ox. Liq. 3
- Potassiumnitrate
 - Concentration: 5-10 %
 - CAS Number: 7757-79-1
 - EC Number: 231-818-8
 - R/H Phrases: R8 - H319, H315, H335, H272
 - Symbols: O, GHS07, GHS03
 - Categories: Eye Irrit. 2, Skin Irrit. 2, STOT SE 3, Ox. Sol. 2
- Magnesiumnitrate
 - Concentration: 5-10 %

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

CAS Number: 10377-60-3

EC Number: 233-826-7

R/H Phrases: R8, R36/38 - H319, H272

Symbols: Xi, O, GHS07, GHS03

Categories: Eye Irrit. 2, Ox. Sol. 2

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with eyes: If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes, Irrigate eyes thoroughly whilst lifting eyelids, When in doubt or symptoms persist, seek medical attention
- Contact with skin: Gently wash with plenty of soap and water (P350).
- Ingestion: Rinse mouth with water (only if the person is conscious), Give water or milk to drink, Never make an unconscious person vomit or drink fluids
- Inhalation: Remove patient to fresh air

4.2 Most important symptoms and effects, both acute and delayed

- Mildly irritating to eyes
- May cause redness and irritation

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
-

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

- In case of fire: (P370)
- Smoke from fires is toxic. Take precautions to protect personnel from exposure
- Smoke from fires is corrosive. Take precautions to protect personnel from exposure
- Oxidising

5.3 Advice for firefighters

- Wear 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

- Avoid scattering in the environment

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
 - Sweep or shovel-up spillage and remove to a safe place
 - Place in appropriate container
 - Flush spill area with copious amounts of water
-

SECTION 6 Accidental release measures (....)

6.4 Reference to other sections

- See Section 13

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Do not get in eyes, on skin, or on clothing (P262).

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed (P403+P233).
- Protect from frost

7.3 Specific end use(s)

- Contact supplier for further information

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls

- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists

8.3 Occupational exposure controls

- Use good personal hygiene practices
- Wear plastic or rubber gloves
- Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Wear goggles giving complete eye protection
- Wear apron or other light protective clothing



SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, blue, green
- Odour: Odourless
- miscible with water
- Boiling Point/Range: Boiling point 100 °C
- Density: Density 1,11 g/cm³ at 20 deg C
- pH: 8 - 8,5

9.2 Other information

- No information available

SECTION 10 Stability and reactivity

10.1 Reactivity

- No information available

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No information available

10.4 Conditions to avoid

- No special requirements

10.5 Incompatible materials

- Incompatible with acid

10.6 Hazardous Decomposition Products

- Decomposition products may include Chlorides
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) (Magnesium nitrate) 5440 mg/kg
- LD50 (oral, rat) (Potassium nitrate) 3750 mg/kg
- LD50 (oral, rat) (Ammonium nitrate) 2217 mg/kg

11.2 Contact with eyes

- May cause irritation
- May cause redness and swelling

11.3 Contact with skin

- May cause irritation

11.4 Ingestion

- Causes nausea/vomiting
- Causes diarrhoea

11.5 Inhalation

- May cause respiratory irritation (H335).
-

SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Potassium nitrate) 200 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

- Not applicable

12.3 Bioaccumulation Potential

- Not applicable

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

SECTION 12 Ecological information (....)

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- Not applicable
-

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- EU Waste class: 06 03
-

SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not Classified

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

- Not Classified
- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

14.8 DOT / CFR (US Department of Transportation)

SECTION 14 Transport information (....)

- Identification Number: Not applicable
 - DOT Proper Shipping Name: Not applicable
 - DOT Labels: Not applicable
 - Product RQ (lbs): Not applicable
-

SECTION 15 Regulatory information

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

- 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
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

15.2 Chemical Safety Assessment

- None
-

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H272: May intensify fire; oxidiser. H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. R36/38: Irritating to eyes and skin. R8: Contact with combustible material may cause fire.

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

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

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

Wilhelmsen Ships Service Level 17, 636 St Kilda Road Melbourne Vic 3004 AUSTRALIA

Tel: +61 3 9630 0900 Emergency 24hrs: +61 3 9630 0998

Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States

Telephone daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United States Tel (+1) 562 624 8888 Fax (+1) 562 624 1011

Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft Pennsylvania United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States Telephone daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

Wilhelmsen Ships Service Ltd. Unit 3A NewtonsCourt Crossways DA2 6QL Dartford, Kent United Kingdom Tel (+44) 1322 282 412 Fax (+44) 1322 284 774

Wilhelmsen Ships Service Ltda Rua Bispo Lacerda nos.61/67 Del Catilho BR 21051120 Rio de Janeiro

SECTION 16 Other information (....)

Brazil Tel (+55) 21 25 82 8000 Fax (+55) 21 25 82 8001

Wilhelmsen Ships Service (S) Pte Ltd 186 Pandan Loop Singapore 128376 Tel (+65) 6395 4545

Wilhelmsen Ships Service Co., Ltd 12-31 Torihama-cho Kanazawa-ku Yokohama-shi JP-236 0002,

Japan Tel (+81) 45 775 0012 Fax (+81) 45 775 0070

Wilhelmsen Ships Service Hellas SA 100, D. Moutsopoulou & Serifou str GR-185 41 Piraeus Greece

Tel (+ 30) 210 4239100 Fax (+ 30) 210 4212480

Wilhelmsen Ships Service AS U.A.E . FI 24 Executive Heights, Tecom C Sheikh Zayed Road (East)

Dubai United Arab Emirates Tel (+971) 4 382 3888

Wilhelmsen Ships Service AS, Willem Barentszstraat 50 3165 AB Rotterdam-Albrandswaard,

the Netherlands. Tel (+31) 10 4877 777

