
SAFETY DATA SHEET

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

1.1 Product and Company information

- Datasheet Number: 633156
- Product Name: GALVANIZING SPRAY
- Product Part Number: 633156 (6 x 400 ml)

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

- Use of the substance/preparation: Welding accessories

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

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 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

- Classification according to Regulation (EC) No 1272/2008
- Symbols: GHS02, GHS04, GHS07
- Eye Irrit. 2
- Flam. Aerosol 1
- Extremely flammable aerosol (H222).
- Contains gas under pressure; may explode if heated (H280).
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- Classification according to Directive 67/548/EEC or Directive 1999/45EC
- Symbols: F+, Xi
- Irritating to eyes (R36)

SECTION 2 Hazards identification (....)

- Extremely Flammable (R12)

2.2 Label elements



Irritant



Extremely Flammable

- Risk Phrases
 - Extremely Flammable (R12)
 - Irritating to eyes (R36)
- Safety Phrases
 - Keep container in a well ventilated place (S9)

2.3 Other hazards

- Odour: Smells of solvent
- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- butane
 - Concentration: 10-25
 - CAS Number: 106-97-8
 - EC Number: 203-448-7
 - Symbols: GHS02,GHS04, F+
 - R/H Phrases: H220, R12
 - Categories: Flam. Gas 1 Press. Gas
 - CLP:
- ethyl acetate
 - Concentration: 10-25
 - CAS Number: 141-78-6
 - EC Number: 205-500-4
 - Symbols: GHS02,GHS07, F, Xi
 - R/H Phrases: H225,H319,H336, EUH066, R11,R36,R66,R67
 - Categories: Flam. Liq. 2 Eye Irrit. 2 STOT SE 3
 - CLP:
- propane
 - Concentration: 10-25
 - CAS Number: 74-98-6
 - EC Number: 200-827-9
 - Symbols: GHS02,GHS04, F+
 - R/H Phrases: H220, R12
 - Categories: Flam. Gas 1 Press. Gas
 - CLP:
- acetone; propan-2-one; propanone
 - Concentration: 2.5-10
 - CAS Number: 67-64-1
 - EC Number: 200-662-2
 - Symbols: GHS02,GHS07, F, Xi
 - R/H Phrases: H225,H319,H336, EUH066, R11,R36,R66,R67
 - Categories: Flam. Liq. 2 Eye Irrit. 2 STOT SE 3
 - CLP:
- xylene
 - Concentration: 2.5-10

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

- CAS Number: 1330-20-7
EC Number: 215-535-7
Symbols: GHS02,GHS07, Xn
R/H Phrases: H226,H332,H312,H315, R10,R20/21,R38
Categories: Flam. Liq. 3 Acute Tox. 4 * Acute Tox. 4 * Skin Irrit. 2
CLP:
- toluene
Concentration: 1-2.5
CAS Number: 108-88-3
EC Number: 203-625-9
Symbols: GHS02,GHS08,GHS07, F, Xn
R/H Phrases: H225,H361d ***,H304,H373 **,H315,H336, R11,R38,R48/20,R63,R65,R67
Categories: Flam. Liq. 2 Repr. 2 Asp. Tox. 1 STOT RE 2 * Skin Irrit. 2 STOT SE 3
CLP:
 - 2-methoxy-1-methylethyl acetate
Concentration: 1-2.5
CAS Number: 108-65-6
EC Number: 203-603-9
Symbols: GHS02
R/H Phrases: H226, R10
Categories: Flam. Liq. 3
CLP:
-

SECTION 4 First aid measures

4.1 Description of first aid measures

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
- Remove patient to fresh air
- When in doubt or symptoms persist, seek medical attention
- Not regarded as a potential route of exposure.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice
- Do not use solvents to clean skin

4.2 Most important symptoms and effects, both acute and delayed

- Causes irritation

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

Do not give adrenalin or equivalent medicines.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- May be extinguished with water fog/spray. Use alcohol resistant foam if available

5.2 Special hazards arising from the substance or mixture

- Auto-ignition point 760 deg C
- Extremely Flammable (R12)
- Lower flammability limit 1.88%(in air)
- Flash point -4 deg C (CC)
- Carbon oxides may be formed
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders

SECTION 5 Fire-fighting measures (....)

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
-

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- May form explosive vapour/air mixtures
- Shut off all ignition sources

6.2 Environmental Precautions

- No special precautions are required for this product

6.3 Methods and material for containment and cleaning up

- Shut off source of leak if safe to do so
- Allow product to evaporate
- Ventilate area

6.4 Reference to other sections

- None
-

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Restricted to professional users
- Ensure adequate ventilation
- Do not breathe spray/mists (S23)
- Do not spray on naked flame or any incandescent material

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 deg C

7.3 Specific end use(s)

- Not applicable
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- No special requirements

8.3 Occupational exposure controls



Goggles



Gloves



Suit



No Smoking

- No respiratory protection is required unless subject to contact with substance mist
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Strong smell of solvent
 - Appearance: Aerosol, grey
 - pH - not applicable
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SECTION 9 Physical and chemical properties (....)

- Boiling point - not applicable
- Vapour pressure - not known
- Vapour density - not known
- Melting point
- Insoluble in water
- Specific gravity (water=1) 0.72
- Density
- Extremely Flammable (R12)
- Lower flammability limit 1.88%(in air)
- Flash point -4 deg C (CC)
- Unstable above
- Auto-ignition point 760 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

- In use, may form flammable/explosive vapour-air mixture (R18)
- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

11.2 Contact with eyes

- In cases of severe exposure, irritation may develop

11.3 Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

11.4 Ingestion

- Not regarded as a potential route of exposure.

11.5 Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
 - In cases of severe exposure, dizziness, confusion, headache or stupor may develop
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SECTION 12 Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

- Volatile portion is significant

12.3 Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

12.4 Mobility in soil

- Insoluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
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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 pierce or burn container, even after use

13.2 Classification

- This material and/or its container must be disposed of as hazardous waste
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SECTION 14 Transport information

Flammable gas.

14.1 UN Number

- UN No.: UN1950

14.2 UN Proper Shipping Name

- Proper Shipping Name: Aerosols, flammable, (each not exceeding 1L capacity)

14.3 Transport hazard class(es)

- Hazard Class: 2.1

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

- Forbidden for air transport
- Gas cylinders must be equipped with valve protection caps during transport.

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

- Not applicable

14.8 Road/Rail (ADR/RID)

- ADR UN No.: UN1950
- ADR Hazard Class: 2.1
- Proper Shipping Name: Aerosols, flammable, (each not exceeding 1L capacity)
- ADR Flashpoint: -4 deg C

14.9 Sea (IMDG)

- IMDG UN No.: UN1950
 - IMDG Hazard Class: 2.1
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SECTION 14 Transport information (....)

- Proper Shipping Name: Aerosols, flammable, (each not exceeding 1L capacity)
- IMDG EmS: F-D, S-U
- IMDG Flashpoint: -4 deg C

14.10 Air (ICAO/IATA)

- Forbidden for air transport

14.11 DOT / CFR (US Department of Transportation)

- Identification Number: UN1950
 - DOT Proper Shipping Name: Aerosols, flammable, (each not exceeding 1L capacity)
 - DOT Labels: 2.1
 - DOT Flashpoint: -4 deg C
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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

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:- EUH066: Repeated exposure may cause skin dryness or cracking. H220: Extremely flammable gas. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H315: Causes skin irritation. H319: Causes serious eye irritation. H332: Harmful if inhaled. H336: May cause drowsiness or dizziness. H361d: Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure. R10: Flammable. R11: Highly Flammable. R12: Extremely Flammable. R20/21: Harmful by inhalation and in contact with skin. R36: Irritating to eyes. R38: Irritating to skin. R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation. R63: Possible risk of harm to the unborn child. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.

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

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 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

