

## SAFETY DATA SHEET

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

**Product Name:** GALVANIZING SPRAY  
**Datasheet Number:** 633156 7. 0. 0  
**Use of the substance/preparation:** Welding accessories  
**Product Part Number:** 633156 (6 x 400 ml)  
**Name of Supplier:** Wilhelmsen Ships Service AS  
**Address of Supplier:** Willem Barentszstraat 50  
 3165 AB Rotterdam-Albrandswaard, The Netherlands  
  
**Telephone:** +31 10 4877 777  
**Fax:** +31 10 4877 888  
**Responsible Person:** Patrick.Rijsdijk, Product HSE Manager, Tel.: +31 6 349 44035  
**Email:** Patrick.Rijsdijk@Wilhelmsen.com  
**Name of Manufacturer:** Wilhelmsen Ships Service AS  
**Address of Manufacturer:** Strandveien 20  
 P.O.Box 33  
 NO-1324 LYSAKER  
 Norway  
**Telephone:** +47 67 584550  
**Emergency Telephone:** NCEC: +44 1865 407333, CHEMTREC (800) 424 9300  
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

### 2 Hazards identification

- Odour: Strong smell of solvent
- Appearance: Aerosol, grey
- Contact with eyes: Causes irritation
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: Not regarded as a potential route of exposure.



Irritant



Extremely Flammable

### 3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Butane	10-25	106-97-8	203-448-7	12	F+
ethyl acetate	10-25	141-78-6	205-500-4	11, 36, 66, 67	F, Xi
Propane	10-25	74-98-6	200-827-9	12	F+
Acetone	2.5-10	67-64-1	200-662-2	11, 36, 66, 67	F
Xylene, mixture of isomers	2.5-10	1330-20-7	215-535-7	10, 20/21, 38	Xn
Toluene	1-2.5	108-88-3	203-625-9	11, 38, 48/20, 63, 65, 67	Xn, F
1-Methoxy-2-propylacetate	1-2.5	108-65-6	203-603-9	10, 36	Xi

\*See Section 16

### 4 First aid measures

#### Contact with skin

- After contact with skin, wash immediately with plenty of soap and water (S28)
- Do not use solvents to clean skin

#### Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice

#### Ingestion

- Not regarded as a potential route of exposure.

#### 4 First aid measures (....)

##### Inhalation

- Remove patient to fresh air
- When in doubt or symptoms persist, seek medical attention

##### General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

##### Notes to Physicians

Do not give adrenalin or equivalent medicines.

#### 5 Fire-fighting measures

- Extremely Flammable (R12), Lower flammability limit 1.88%(in air), Flash point -4 deg C (CC)
- Carbon oxides may be formed
- Portable containers should be moved if possible and without risk
- Keep container(s) exposed to fire cool, by spraying with water
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders

#### 6 Accidental release measures

##### Personal Precautions

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

##### Environmental Precautions

- No special precautions are required for this product

##### Clean Up Actions

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

#### 7 Handling and storage

##### Handling

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

##### Storage

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

#### 8 Exposure controls and personal protection

##### Exposure Limits

##### Butane

- TLV (TWA) 1000 ppm

##### ethyl acetate

- TLV (TWA) 400 ppm

##### Propane

- TLV (TWA) 1000 ppm

##### Acetone

- TLV (TWA) 1210 ppm

##### Xylene, mixture of isomers

- TLV (TWA) 100 ppm

##### Toluene

- TLV (TWA) 150 ppm

##### 1-Methoxy-2-propylacetate

- TLV (TWA) 50 ppm

##### Exposure controls

- No special requirements

##### Occupational exposure controls

- No respiratory protection is required unless subject to contact with substance mist



Goggles



Gloves



Suit



No Smoking

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**8 Exposure controls and personal protection (....)**

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**9 Physical and chemical properties**

- Odour: Strong smell of solvent
- Appearance: Aerosol, grey
- pH - not applicable
- Boiling point - not applicable
- Vapour pressure - not known
- Vapour density - not known
- Insoluble in water
- Specific gravity (water=1) 0.72
- Extremely Flammable (R12), Lower flammability limit 1.88%(in air), Flash point -4 deg C (CC)

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**10 Stability and reactivity**

- This article is considered stable under normal conditions
- Avoid overheating

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**11 Toxicological information**

## Toxicological information

- No experimental data available

## 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

## Contact with skin

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

## Contact with eyes

- In cases of severe exposure, irritation may develop

## Ingestion

- Not regarded as a potential route of exposure.

## Carcinogenicity

- No evidence of carcinogenic effects

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**12 Ecological information**

## Ecotoxicity

- No information available

## Mobility

- Insoluble in water

## Persistence and Biodegradability

- Volatile portion is significant

## Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

## Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.

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**13 Disposal considerations**

## Classification

- This material and/or its container must be disposed of as hazardous waste

## Disposal considerations

- Disposal should be in accordance with local, state or national legislation
- Do not pierce or burn container, even after use

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**14 Transport information**

Flammable gas

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

UN

Proper Shipping Name:  
UN No.:Aerosols, flammable, (each not exceeding 1L capacity)  
1950

**14 Transport information (....)**

Hazard Class:	2.1	Packing Group:	N/A
Road/Rail (ADR/RID)			
Proper Shipping Name:	Aerosols, flammable, (each not exceeding 1L capacity)		
ADR UN No.:	1950		
ADR Hazard Class:	2.1	ADR Classification Code:	
ADR Packing Group:	N/A	Tremcard:	20G53A
ADR subrisk:	N/A	ADR Flashpoint:	-4 deg C
Sea (IMDG)			
Proper Shipping Name:	Aerosols, flammable, (each not exceeding 1L capacity)		
IMDG UN No.:	1950		
IMDG Hazard Class.:	2.1	IMDG Pack Group.:	N/A
IMDG EmS:	F-D, S-U	IMDG subrisk:	N/A
IMDG Labels:	2.1	IMDG Flashpoint:	-4 deg C
Air (ICAO/IATA)			
Proper Shipping Name:	Forbidden ICAO Un No.:		
ICAO Hazard Class.:	-	ICAO Packing Group.:	-
ICAO subrisk:	-	ICAO Labels:	-
ICAO Flashpoint:	-		
DOT / CFR (US Department of Transportation)			
DOT Proper Shipping Name:	Aerosols, flammable, (each not exceeding 1L capacity)		
Hazardous Material:	butane, ethyl acetate, propane		
Hazard Class:	2.1	Identification Number:	UN1950
Product RQ (lbs):	N/A	DOT subrisk:	N/A
DOT Labels:	2.1	DOT Flashpoint:	-4 deg C

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

**15 Regulatory information**

Irritant



Extremely Flammable

**Risk Phrases**

- Extremely Flammable (R12)
- Irritating to eyes (R36)

**Safety Phrases**

- Keep container in a well ventilated place (S9)

**16 Other information**

Text of R and S phrase codes used in this safety data sheet:- 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 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 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

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

