

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Wick Chafing Fuel

Printing date: 29.03.2011

Revision date: 29.03.2011

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1. Identification of substance or mixture

1.1 Trade name

Wick Chafing Fuel

Use of substance/preparation

Fuel

2. Hazards identification

Classification according to Directive 67/548/EEC or 1999/45/EC

Categories of danger : Xn - Harmful

R-Phrases: R 22 – Harmful if swallowed.



Classification according to Regulation (EC) No. 1272/2008 [CLP]

Signal word: Danger!

Categories of danger : Acute tox. 4 , oral

Hazard statements: H 302 – Harmful if swallowed.



3. Composition/ information on ingredients

Chemical characterisation (substance)

Hazardous ingredients

(Full text of R-phrases: see section 16)

EG-No.	CAS-No.	Substance name	Concentr.	Symbols	R-Phrases
203-872-2	111-46-6	DEG – diethylene glycol	100%	Xn Danger	R22 Acute tox. 4 , oral H302

Index nr. : 603-140-00-6

4. First aid measures

General information

First aider: Pay attention to self-protection! Do not breathe gas/fume/aerosols.

In case of inhalation

Provide fresh air.

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In case of skin contact

After contact with skin, wash immediately with water. Change contaminated, saturated clothing immediately.

In case of eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

In case of ingestion

Rinse mouth immediately and drink plenty of water. do not induce vomiting. ASPIRATION HAZARD! Call a physician immediately.

Information to physician

Risk of damage to: livers and kidney.

5. Fire-fighting measures

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Suitable extinguishing media: Alcohol resistant foam. Water jet. Dry extinguishing powder. Carbon dioxide (CO₂).

Special protective equipment for fire-fighters

Wear a self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Take precautionary measures against static discharges. Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions

Provide adequate ventilation. Do not breathe gas/fume/vapour/spray. Avoid contact with skin, eye and clothing. Wear personal protection equipment. Use personal protection equipment.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods for cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clear contaminated areas thoroughly.

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7. Handling and Storage

7.1 Handling

Advices on safe handling

Provide adequate ventilation. Do not breathe gas/fume/vapour/spray. Avoid contact with skin, eye and clothing. Wear personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Precautions against fire and explosion

Have fire-extinguishers in readiness before opening containers.

Additional Information

Suitable floor material: Solvent-resistant.

Technical means for safe handling: Measures to prevent aerosol and dust generation: Closed devices.

Suitable container/equipment material: Refined steel, Polyethylene.

Unsuitable material for containers/equipment: Zinc.

7.2 Storage

Requirements for storage room and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Protect against: Heat, humidity, light. Store in a place accessible by authorized persons only.

Hints on joint storage

Do not store together with: Food and feedingstuffs.

Suitable container/equipment material: Refined steel. Polyethylene. Aluminium.

Unsuitable material for containers/equipment: Zinc.

Storage class (VCI): 10-13

8. Exposure controls / Personal protection

8.1 Exposure limit values

Occupational exposure limits - Germany (TRGS 900)

Substance CAS-No.	limit value ml/m ³	mg/m ³	F/m ³	peak limit. category	type
DEG 111-46-6	10	44		4(I)	

8.2 Exposure controls

Occupational exposure controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fume/vapour/spray.

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General health and safety measures

Change contaminated, saturated clothing immediately. Use protective skin cream before handling the product. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sneeze.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protection apparatus: Combination filtering device (DIN EN 141)

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Check leak tightness / impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Required properties: liquid-tight

Suitable Materials: NR (natural rubber, natural latex), CR (polychloroprene, chloroprene rubber), NBR (nitrile rubber), FKM (fluoro rubber), PVC (polyvinyl chloride).

Eye protection

Suitable eye protection: Eye glasses with side protection. Basket eye glasses

Protective clothing

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Check leak tightness / impermeability prior to use.

Suitable protective Clothing: Apron, Protective Apron, Chemical protection clothing

9. Physical and chemical Properties

9.1 Appearance

Physical state: liquid
Colour: transparent
Odour: odourless

9.2 Important health, safety and environmental information

Method

Change of state

Boiling temperature:	244 °C
Melting point:	-6 °C
Flashpoint:	140 °C
Explosion limits	
lower explosion limit:	1,7 Vol.-%
upper explosion limit:	37 Vol.-%
vapour pressure: (at 20 °C)	0,02 hPa
Density:	1,12 g/cm ³

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Volative Organic Components

1120 g/l , 100 %

10. Stability and Reactivity

Materials to avoid

Oxidizing Agents, strong.

11. Toxicological information

Acute toxicity

oral: Rat LD 50: 12.600 mg/kg

dermal: Rat LD 50 11.900 mg/kg

Additional information

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

12. Ecological information

Ecotoxicity

Fish: LC 50 75.200 mg/l

Additional information

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

13. Disposal considerations

Appropriate disposal / Product

This material and its container must be disposed of as hazardous waste.

Suggested EWC key: 160305*

Appropriate disposal / package

This material and its container must be disposed of as hazardous waste.

Uncleaned packages disposal EWC key: 150110*

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14. Transport information

Not subject to this regulation.

15. Regulatory information

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbols and hazard statements of dangerous substances and preparations

Xn – Harmful.



Hazard components for labelling

Diethylene glycol

R-phrases

22

Harmful if swallowed.

S-phrases

46

If swallowed, seek medical advice immediately and show this container or label.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling

Diethylene glycol

Signal word: Danger!

Categories of danger : Acute tox. 4 , oral

Hazard statements: H 302 – Harmful if swallowed.



EU-Legislation

Maximum VOC content: 1120 g/l

National regulation

Germany:

TA-Luft: 5.2.5 . Weight fraction: 100%

Restrictions of occupation: Observe § 22 JarbSchG and §§ 4 and 5 MuSchRiV.

Störfallverordnung: Annex I: Observe limit values according to R-phrases

Water Hazard Class (WGK): 1 – slightly hazardous to water (WGK 1)

Status: Classification according VwVwS, Annex 4 Nr.3.

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16. Other information

Relevant R-phrases (Number and full text)

22 Harmful if swallowed.

Relevant H – Phrases

H302 Harmfull if swallowed.

The above information describes exclusively the safety requirements of the product and is based on our present day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily sufficient to prevent harmful effects. Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.
