

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## DITEC Marine G-200

Print date: 13.03.2015

Product code: 0750536265458 and 65

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

DITEC Marine G-200 Glass Cleaner & Polish

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

##### Use of the substance/mixture

Automotive care products

##### Uses advised against

none/none

#### 1.3. Details of the supplier of the safety data sheet

Company name: DITEC Marine Products, LLC  
Street: d W229 N2512 Duplaineville Rd.  
Place: Waukesha, WI 53186  
Responsible Department: +1 800 572 4930

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Indications of danger: Xn - Harmful R phrases:  
Harmful: may cause lung damage if swallowed.

##### Classification according to Regulation (EC) No. 1272/2008 [CLP] Hazard categories:

Aspiration hazard: Asp. Tox. 1 Hazard Statements:  
May be fatal if swallowed and enters airways.

#### 2.2. Label elements

##### Hazardous components which must be listed on the label

Distillates (petroleum), hydrotreated light, Kerosine - unspecified

Signal word: Danger

Pictograms: GHS08



##### Hazard statements

H304 May be fatal if swallowed and enters airways.

##### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents/container to in accordance with official regulations.

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### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

aqueous solution

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
265-149-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	5 - 15 %
64742-47-8	Xn - Harmful R65	
649-422-00-2	Asp. Tox. 1; H304	

Full text of R-, H- and EUH-phrases: see section 16.

#### Further Information

Product does not contain listed SVHC substances.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

#### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.

#### After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

#### After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect). Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed Caution if victim

vomits: Risk of aspiration!

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**4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry extinguishing powder. alcohol resistant foam. Atomized water.

**Unsuitable extinguishing media** High power water jet.

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### 5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Nitrogen oxides (NO<sub>x</sub>).

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

#### Additional information

Extinguishing materials should be selected according to the surrounding area. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.  
Avoid contact with skin, eye and clothing.  
Wear personal protection equipment. (Refer to chapter 8. )  
High slip hazard because of leaking or spilled product.

### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Clear contaminated area thoroughly.

### 6.4. Reference to other sections

See protective measures under point 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

In case of open handling equipment with built-in suction must be used. Avoid contact with skin, eye and clothing. Wear suitable protective clothing. (Refer to chapter 8.)

**Advice on protection against fire and explosion** Usual measures for fire prevention.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.  
Unsuitable materials for Container: metal.

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### Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

### Further information on storage conditions

Keep cool. Protect from sunlight. Keep away from heat. Protect from moisture.

### 7.3. Specific end use(s)

refer to chapter 1.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

### 8.2. Exposure controls



#### Appropriate engineering controls

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

#### Protective and hygiene measures

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Change contaminated clothing. Wash contaminated clothing prior to re-use.

#### Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. DIN EN 166

#### Hand protection

In case of prolonged or frequently repeated skin contact: Wear suitable protective clothing. DIN EN 374 Pull-over gloves of rubber.

Suitable material:

Butyl rubber. (0.5 mm)

FKM (fluororubber). (0.4 mm)

(penetration time (maximum wearing period):  $\geq 8$  h):

Before using check leak tightness / impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Skin protection Protective clothing. Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection required in case of: insufficient ventilation. exceeding critical value

Generation/formation of aerosols

Generation/formation of mist

Suitable respiratory protective equipment: Combination filter device (DIN EN 141).. Typ: A/P2-3

The filter class must be suitable for the maximum contaminant concentration

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(gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

### **Environmental exposure controls**

Dumping into the environment must be prevented.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: liquid ivory  
Colour: characteristic  
Odour:

#### Test method

pH-Value (at 20 °C): 8 N/A

#### Changes in the physical state

Initial boiling point and boiling range: 95 °C N/A

Flash point: 92 °C N/A

#### Explosive properties

none/none

#### Oxidizing properties

none/none Vapour pressure:

Water solubility: not determined

Viscosity / dynamic: not determined

Solvent content: No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No information available.

#### 10.2. Chemical stability

Stable under normal storage and handling conditions.

#### 10.3. Possibility of hazardous reactions

No information available.

#### 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

#### 10.5. Incompatible materials

Materials to avoid: Reducing agents. Oxidizing agents.

#### 10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide. Carb  
Nitrogen oxides (NOx).

### SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

No data available.

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Acute toxicity

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified					
	oral	LD50	> 5000 mg/kg	Rat.	ECHA dossier	
	dermal	LD50	> 2000 mg/kg	Rabbit.	ECHA dossier	
	inhalative (4 h) vapour	LC50	(> 5,3) mg/l	Rat.	ECHA dossier	

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Distillates (petroleum), hydrotreated light:

Subchronic oral toxicity : NOAEL = 7500 mg/kg (Rat.)

Subchronic inhalative toxicity : NOAEC = 1000 mg/kg (Mouse.)

Subacute dermal toxicity: NOAEC = 0,5 ml/kg (Rat.)

Lit.: ECHA

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Distillates (petroleum), hydrotreated light:

No experimental indications of mutagenicity in-vitro exist.

No experimental indications of mutagenicity in-vivo exist.

Reproductive toxicity: NOAEL = 750 mg/m<sup>3</sup> (Rat.)

Developmental toxicity/teratogenicity : NOAEL = 1000 mg/m<sup>3</sup> (Rat.)

Lit.: ECHA

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### Specific effects in experiment on an animal

No data available.

## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No	Chemical name
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	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
64742-47-8	Distillates (petroleum), hydrotreated light, Keroline - unspecified					
	Acute fish toxicity	LC50	18 mg/l	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50	21 mg/l	48 h	Daphnia magna	

## **12.2. Persistence and degradability**

No data available.

## **12.3. Bioaccumulative potential**

No indication of bio-accumulation potential.

## **12.4. Mobility in soil**

No data available.

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## **12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## **12.6. Other adverse effects** No

data available.

## **Further information**

Do not empty into drains or the aquatic environment.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Advice on disposal**

Waste disposal according to official state regulations. Cleaned containers may be recycled.

#### **Waste disposal number of waste from residues/unused products**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances  
Classified as hazardous waste.

#### **Waste disposal number of used product**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances  
Classified as hazardous waste.

#### **Waste disposal number of contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances  
Classified as hazardous waste.

#### **Contaminated packaging**

Cleaned containers may be recycled.

## **SECTION 14: Transport information**

### **Land transport (ADR/RID) Other applicable information (land transport)**

Not restricted



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## **Inland waterways transport (ADN) Other applicable information (inland waterways transport)**

Not restricted

## **Marine transport (IMDG)**

### **Other applicable information (marine transport)**

Not restricted

## **Air transport (ICAO)**

### **Other applicable information (air transport)**

Not restricted

## **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

## **14.6. Special precautions for user**

refer to chapter 6-8

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## **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

irrelevant

## **SECTION 15: Regulatory information**

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

#### **EU regulatory information**

2004/42/EC (VOC): No information available.

#### **Additional information**

The preparation is dangerous in the sense of Directive 1999/45/EC.

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

Not subject to regulation 96/82/EC.

#### **National regulatory information**

Employment restrictions: Observe employment restrictions for young people.

Water contaminating class (D): 2 - water contaminating

### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

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## Changes

Rev. 1.00; 10.04.2014, Initial release

Rev. 1.10; 12.03.2015, Change of the composition, Changes in chapter: 2, 3, 4, 6, 7, 8, 11, 12, 15, 16.

## Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO:

International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

## Relevant R-phrases (Number and full text)

65 Harmful: may cause lung damage if swallowed.

## Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

## Further Information

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 valid

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for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*