



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## OPUS HYDROCARBON CLEANER

Revision 1  
Revision date 2020-11-10

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

#### 1.1. Product identifier

Product name	OPUS HYDROCARBON CLEANER
EC No.	923-037-2

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites;
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#### 1.3. Details of the supplier of the safety data sheet

Company	Ferguson & Menzies Ltd
Address	312 Broomloan Road Glasgow G51 2JW
Web	www.fergusonmenzies.co.uk
Telephone	0141-445 3555
Fax	0141-425 1079
Email	info@fergusonmenzies.co.uk
Email address of the competent person	info@fergusonmenzies.co.uk

#### 1.4. Emergency telephone number



Emergency telephone number	0141-445-3555 09.00 - 17.00
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### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 4: H413;
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#### 2.2. Label elements

Hazard pictograms	 
Signal Word	Danger
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Storage</b>	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P331 - Do NOT induce vomiting. P370+P378 - In case of fire: Use to extinguish.
<b>Precautionary Statement: Disposal</b>	P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P501 - Dispose of contents/container to contact a licensed waste disposal company.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Hydrocarbons, C10-C12, isoalkanes, <2% aromatics			923-037-2		90 - 100%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 4: H413;

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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

<b>Inhalation</b>	Coughing, difficulty in breathing.
<b>Skin contact</b>	Itching.
<b>Ingestion</b>	Headache, nausea and vomiting.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Skin contact</b>	If skin irritation or rash occurs: Get medical advice/attention.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
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## SECTION 6: Accidental release measures

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

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## 6.4. Reference to other sections

	See section 8 for further information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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### 7.3. Specific end use(s)

	See section 1.2 for further information.
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## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Self-contained breathing apparatus. Wear protective clothing.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid
Colour	Colourless
Odour	Characteristic
Initial boiling point	140 - 200 °C
Flash point	> 35 °C
Vapour pressure	2 Pa
Autoignition temperature	> 200 °C

### 9.2. Other information

Specific gravity	0.701 - 0.781 g/cm <sup>3</sup>
Pour point	< -20 °C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	No data available.
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### 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

## 10.4. Conditions to avoid

Heat, sparks and open flames.

## 10.5. Incompatible materials

Strong oxidising agents.

## 10.6. Hazardous decomposition products

Do not breathe gas/fumes/vapour/spray.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Repeated or prolonged exposure may cause dermatitis.

#### 11.1.4. Toxicological Information

OPUS HYDROCARBON CLEANER	Inhalation Rat LC50/8 h: >5	Oral Rat LD50: >5000
	Dermal Rabbit LD50: >5000	

## SECTION 12: Ecological information

### 12.1. Toxicity

OPUS HYDROCARBON CLEANER	Daphnia EC50/48h: 1000.0000 mg/l	Algae IC50/72h: 1000 mg/l
	Fish LC50/96h: 1000.0000 mg/l	

### 12.2. Persistence and degradability

Not readily biodegradable.

## SECTION 13: Disposal considerations

### General information

Dispose of in compliance with all local and national regulations.

### Disposal methods

Contact a licensed waste disposal company.

### Disposal of packaging

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

### Hazard pictograms



### 14.1. UN number

UN3295

### 14.2. UN proper shipping name

HYDROCARBONS, LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

ADR/RID 3

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## 14.3. Transport hazard class(es)

Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-D
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## SECTION 15: Regulatory information

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

	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 2 - Hazard pictograms.
Text of Hazard Statements in Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.

## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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