



BE SURE. BUILD SURE.

Page 1/13

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

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

· **1.1 Product identifier**

· **Trade name** Donnitil Oil Ex

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

No further relevant information available.

· **Application of the substance / the mixture**

Oil stain remover

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533

· **Informing department:** msds@mc-bauchemie.de

· **1.4 Emergency telephone number:**

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +1 872 5888271 (MCR)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 3 H226 Flammable liquid and vapour.

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

· **2.2 Label elements**

· **Labelling according to**

Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

IE



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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 1)

Hazard pictograms



GHS02 GHS05 GHS07 GHS08

Signal word

Danger

Hazard-determining components of labelling:

Reaction mass of ethylbenzene and xylene
Isotridecanol, ethoxylated (5-6 EO)

Hazard statements

H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P321 Specific treatment (see on this label).
P331 Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture consisting of the following components.

Dangerous components:

EC number: 905-588-0 Reg.nr.: 01-2119488216-32 01-2119486136-34	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	80-100%
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(Contd. on page 3)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name Donnitil Oil Ex

(Contd. of page 2)

CAS: 108-65-6 EINECS: 203-603-9	2-Methoxy-1-methyl ethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	<10%
CAS: 9043-30-5	Isotridecanol, ethoxylated (5-6 EO) Eye Dam. 1, H318; Aquatic Chronic 3, H412	≥3-<5%
CAS: 1022990-65-3	Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers Acute Tox. 4, H302; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	≥2.5-<5%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

- **General information** For all first aid measures: observe self-protection and consult a doctor!
- **After inhalation** Take the person out into the fresh air.
- **After skin contact** Remove contaminated clothing immediately.
Hold affected areas under cold running water for at least 15 minutes.
- **After eye contact** Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!
- **After swallowing** Drink plenty of water in small sips.
Do not induce vomiting.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water.
Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Inform respective authorities in case product reaches water or sewage system.

(Contd. on page 4)



BE SURE. BUILD SURE.

Page 4/13

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 3)

- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Avoid splashing.
Avoid dust development with powder products.
Limit the storage quantity at the workplace to one shift requirement.
Do not leave containers open.
Provide washing facilities in the work area.
Provide an eye shower or eyewash bottle.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Avoid splashing.
Avoid dust development with powder products.
Limit the storage quantity at the workplace to one shift requirement.
Do not leave containers open.
Provide washing facilities in the work area.
Provide an eye shower or eyewash bottle.
- **Information about storage in one common storage facility:** Combined storage bans apply from a total storage quantity of 200 kg.
Do not store together with substances of the following LGK: 1; 5.1A; 5.2; 6.2; 7
Storage with substances of the following LGK is only possible under the conditions specified in TRGS 510: 4.1A; 4.2; 4.3; 5.1C
- **Further information about storage conditions:** Keep container tightly closed in a well-ventilated place.
- **Storage class** 3

(Contd. on page 5)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name Donnitil Oil Ex

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Components with critical values that require monitoring at the workplace:**

CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate

OEL (Ireland)	Short-term value: 550 mg/m ³ , 100 ppm Long-term value: 275 mg/m ³ , 50 ppm Skin, IOELV
IOELV (European Union)	Short-term value: 550 mg/m ³ , 100 ppm Long-term value: 275 mg/m ³ , 50 ppm Skin

· **DNELs**

Reaction mass of ethylbenzene and xylene

Oral	DNEL	1.6 mg/kg bw/Tag (ArL) mg/kg bw/Tag (Workers)
Dermal	DNEL	180 mg/kg bw/day (ArL)
Inhalative	DNEL	211 mg/m ³ (ArL)

CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate

Dermal	DNEL	153.5 mg/kg bw/day (ArL)
Inhalative	DNEL	275 mg/m ³ (ArL)

· **PNECs**

CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate

PNEC	0.635 mg/l (Fresh water) 100 mg/l (Kla) 0.0635 mg/l (Mew)
PNEC	0.29 mg/kg dwt (Bod) 0.329 mg/kg dwt (Marine water sediment) 3.29 mg/kg dwt (Fresh water sediment)

· **CAS No. Designation of material % Type Value Unit**

· **Additional Occupational Exposure Limit Values for possible hazards during processing:**

CAS: 1330-20-7 xylene

OEL (Ireland)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin, IOELV
IOELV (European Union)	Short-term value: 442 mg/m ³ , 100 ppm Long-term value: 221 mg/m ³ , 50 ppm Skin

CAS: 100-41-4 ethylbenzene

OEL (Ireland)	Short-term value: 884 mg/m ³ , 200 ppm Long-term value: 442 mg/m ³ , 100 ppm Skin, IOELV
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(Contd. on page 6)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 5)

IOELV (European Union)	Short-term value: 884 mg/m ³ , 200 ppm Long-term value: 442 mg/m ³ , 100 ppm Skin
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- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures** Do not store any foodstuffs or eat, drink, snuff or smoke in the work area!
Avoid contact with eyes, skin and clothing!
Clean hands thoroughly after work and before cleaning!
Use skin care products after work (moisturising cream).
Change wet/uncleaned clothing immediately, place in water and only use again after cleaning!
- **Breathing equipment:** If the limit value is exceeded:
Combination filter A-P2 (brown/white).
- **Hand protection** Gloves made of: Natural latex, polychloroprene, nitrile rubber.
(Category 3 chemical protective gloves, recognisable by the CE mark with four-digit test number).
When wearing protective gloves, cotton undergloves are recommended.
- **Material of gloves** see "Hand protection"
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye/face protection** Gauze goggles
- **Body protection:** Alkali-resistant protective clothing
- **Skin protection** Use greasy skin protection ointment for all uncovered parts of the body!

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** Colourless
- **Smell:** Characteristic
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** 137 °C
- **Lower and upper explosion limit**
- **Lower:** 1.1 Vol %
- **Upper:** 7 Vol %
- **Flash point:** 25 °C

(Contd. on page 7)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 6)

- **Auto-ignition temperature:** 500 °C
- **pH** Not applicable.
Not determined.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** Not miscible or difficult to mix
- **Steam pressure at 20 °C:** 5 hPa
- **Density and/or relative density**
- **Density at 20 °C** 0.89 g/cm³

· **9.2 Other information**

- **Appearance:**
- **Form:** Fluid
- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· **Information with regard to physical hazard classes**

- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Flammable liquid and vapour.
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

(Contd. on page 8)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name Donnitil Oil Ex

(Contd. of page 7)

- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Harmful in contact with skin.
Harmful if inhaled.

· **LD/LC50 values that are relevant for classification:**

Reaction mass of ethylbenzene and xylene

Oral	LD50	3523-4000 mg/kg (rat)
Dermal	LD50	1100 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)

CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate

Oral	LD50	8500 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

CAS: 9043-30-5 Isotridecanol, ethoxylated (5-6 EO)

Oral	LD50	>2000 mg/kg (rat)
	NOAEL	>50 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

CAS: 1022990-65-3 Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers

Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause respiratory irritation.
- **STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard** May be fatal if swallowed and enters airways.

(Contd. on page 9)



BE SURE. BUILD SURE.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name Donnitol Oil Ex

(Contd. of page 8)

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Reaction mass of ethylbenzene and xylene

EC50/72h	2.2 mg/l (Selenastrum capricornutum)
LC50/96h	2.6 mg/l (Oncorhynchus mykiss)
NOEC	16 mg/l (BEL)

CAS: 108-65-6 2-Methoxy-1-methyl ethyl acetate

LC50/96h	134 mg/l (Oncorhynchus mykiss) 161 mg/l (Pimephales promelas)
EC50	>1000 mg/l (BEL)
EC50/48h	>500 mg/l (Daphnia magna)
NOEC	47.5 mg/l (Ory)
EC50/3d	>1000 mg/l (Selenastrum capricornutum)

CAS: 9043-30-5 Isotridecanol, ethoxylated (5-6 EO)

EC50/72h	1-10 mg/l (Desmodesmus subspicatus)
LC50/96h	1-10 mg/l (Cyp)
EC50/48h	1-10 mg/l (Daphnia magna)
NOEC	1.36 mg/l (Daphnia magna) 1.73 mg/l (fish)
EC10/3d	0.6 mg/l (algae)

CAS: 1022990-65-3 Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers

EC50/48h	4.22 mg/l (Daphnia magna)
ErC50/72h	1.25 mg/l (Desmodesmus subspicatus)

· **12.2 Persistence and degradability**

No further relevant information available.

· **12.3 Bioaccumulative potential**

No further relevant information available.

· **12.4 Mobility in soil**

No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:**

Not applicable.

· **vPvB:**

Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Remark:**

Harmful to fish

(Contd. on page 10)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 9)

· **Additional ecological information:**

· **General notes:** Harmful to aquatic organisms
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

17 00 00 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

17 09 00 other construction and demolition wastes

17 09 03* other construction and demolition wastes (including mixed wastes) containing hazardous substances

15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 00 packaging (including separately collected municipal packaging waste)

15 01 01 paper and cardboard packaging

15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 00 packaging (including separately collected municipal packaging waste)

15 01 02 plastic packaging

HP3 Flammable

HP4 Irritant - skin irritation and eye damage

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP6 Acute Toxicity

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA** UN1263

· **14.2 UN proper shipping name**

· **ADR, IMDG, IATA** PAINT RELATED MATERIAL

· **14.3 Transport hazard class(es)**

· **ADR**

· **Class** 3 (F1) Flammable liquids.

(Contd. on page 11)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 10)

· Label	3
· IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Kemler Number:	30
· EMS Number:	F-E, S-E
· Stowage Category	A
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50000 t

(Contd. on page 12)



BE SURE. BUILD SURE.

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name **Donnitil Oil Ex**

(Contd. of page 11)

· **REGULATION (EC) No 1907/2006 ANNEX XVII** *Conditions of restriction: 3*

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H226 Flammable liquid and vapour.*
- H302 Harmful if swallowed.*
- H304 May be fatal if swallowed and enters airways.*
- H312 Harmful in contact with skin.*
- H315 Causes skin irritation.*
- H318 Causes serious eye damage.*
- H319 Causes serious eye irritation.*
- H332 Harmful if inhaled.*
- H335 May cause respiratory irritation.*
- H336 May cause drowsiness or dizziness.*
- H373 May cause damage to organs through prolonged or repeated exposure.*
- H412 Harmful to aquatic life with long lasting effects.*

· **Department issuing data specification sheet:**

Environment protection department.

· **Date of previous version:**

18.10.2021

· **Version number of previous version:**

43

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

(Contd. on page 13)



BE SURE. BUILD SURE.

Page 13/13

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 14.04.2025

Version number 44 (replaces version 43)

Revision: 14.04.2025

Trade name Donnitil Oil Ex

(Contd. of page 12)

ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the
previous version altered.**

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