LAVA 20 EPDM & TPO PRIMER
Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its Amendment Regulation (EC) No. 1272/2008 (CLP) and EU 2020/878

Printing Date 14. 12. 2023 **Version Number 2 (replaces version 1)** **Revision: 14. 12. 2023**

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

1.1 Product identifier

Trade name: LAVA 20 EPDM & TPO PRIMER

1.2 Relevant identified uses of the substance or mixture and uses advised against Professional use
Application of the substance / the mixture: Bonding Enhancer
1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
OWL WATERPROOFING SOLUTIONS
135 Slaney Road, Dublin Industrial Estate
Glasnevin, Dublin 11
Tel: +353 01 830 2250
Email: info@owlwaterproofing.co.uk
Website: www.owlwaterproofing.co.uk
1.4 Emergency telephone number:

European Emergency Tel.: +353 01 830 2250

SECTION 2: Hazards identification

2.1 Substance or Mixture Classification
Classification as per Regulation (EC) No 1272/2008 (CLP):

GHS02 flame 

Flam. Liq. 3 H226 Flammable liquid and vapour

GHS08 health hazard 

STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

GHS07 

Acute Tox. 4 H312 Harmful in contact with skin.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

2.2 Label Elements
Labelling in Accordance with Regulation (EC) No 1272/2008 (CLP): This product is classified and labelled in compliance with the CLP regulation.

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Hazard pictograms:

GHS02 GHS07 GHS08

Signal word: Danger

Hazard-determining components of labelling:
Reaction mass of ethylbenzene and xylene
Xylene mixture of isomers
ethylbenzene

Hazard statements:
H226 Flammable liquid and vapour.
H312+H332 Harmful in contact with skin or if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H373 May cause damage to the hearing organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P331 Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other Hazards
PBT and vPvB Assessment:
This product does not contain any substances identified as persistent, bioaccumulative, and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or more.
PBT: Not applicable
vPvB: Not applicable

Assessment of Endocrine-Disrupting Properties:
The product does not include substances listed under Article 59(1) of REACH for endocrine-disrupting properties, nor has it been identified as having such properties based on the criteria specified in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: This is a mixture composed of the following components.

Ingredients According to Regulation (EU) 2020/878:

EC number: 905-588-0 Reg.nr.: 01-2119486136-34-XXXX	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	≥90-<93%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-XXXX	Xylene mixture of isomers Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 substance with a Community workplace exposure limit	≥5-<7%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35-XXXX	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332 substance with a Community workplace exposure limit	≥1-<2.5%

SVHC

This product does not include any candidate SVHCs at concentrations of 0.1% or higher, as specified by Regulation (EC) No 1907/2006 (REACH), Article 59.

SECTION 4: First aid measures

4.1 First Aid Measures

General Advice:

Immediately remove any clothing contaminated by the product.

Move the affected person to an area with fresh air.

Seek medical attention immediately.

If Inhaled:

If the person is unconscious, place them on their side in a stable position for transport.

Provide fresh air and, if necessary, administer artificial respiration. Keep the person warm.

Seek medical advice if symptoms persist.

Obtain immediate medical assistance.

If in Contact with Skin:
Wash the area immediately with water and soap, then rinse thoroughly.
Seek prompt medical attention.
If in Contact with Eyes:
Rinse the eyes under running water for several minutes. Remove contact lenses if present, and continue rinsing.
If symptoms persist, consult a doctor.
Avoid using a strong water jet as it may damage the cornea; seek medical advice.
If Swallowed:
Call for immediate medical assistance.
Do not induce vomiting; seek emergency medical help.
Drink plenty of water and move to an area with fresh air. Contact a doctor right away.
4.2 Key Symptoms and Effects, Acute and Delayed
No additional relevant information is available.
4.3 Immediate Medical Attention and Special Treatment
No further relevant information is provided.

SECTION 5: Firefighting measures

5.1 Extinguishing Media
Appropriate Extinguishing Methods: Use CO2, dry powder, or water spray to extinguish fires.
Inappropriate Extinguishing Methods: Avoid using a full jet of water for safety reasons.
5.2 Special Hazards from the Substance or Mixture Potential release of carbon dioxide (CO2) and carbon monoxide (CO).
5.3 Firefighting Advice
Protective Gear: Firefighters should use respiratory protective devices and wear fully protective suits.
Additional Information: Collect firefighting water that has been contaminated separately, ensuring it does not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective Gear, and Emergency Procedures
Wear appropriate protective gear and keep unprotected individuals at a safe distance.
Stay away from sources of ignition.
Avoid breathing in vapors and ensure sufficient ventilation.
Prevent contact with skin and eyes.
6.1.1 For Non-Emergency Personnel
Use suitable personal protective equipment.
Avoid contact with any dripping or leaking material.
6.1.2 For Emergency Responders
First-aid responders should wear protective clothing, gloves, goggles, and a respiratory device equipped with a type A filter.
6.2 Environmental Precautions
Prevent the material from entering sewers, surface water, or groundwater.

6.3 Containment and Cleanup Methods
Use absorbent materials, such as sand or diatomite, to collect the substance.
6.4 References to Other Sections
Refer to Section 7 for details on safe handling procedures.
Refer to Section 8 for information on personal protective equipment.
Refer to Section 13 for proper disposal guidelines.

SECTION 7: Handling and storage

7.1 Safe Handling Precautions
Ensure proper ventilation or exhaust at the workplace.
Avoid direct contact with skin, eyes, and clothing.
Do not eat, drink, or smoke while handling the product.
Wash any contaminated clothing before wearing it again.
Thoroughly wash hands after use.
Fire and Explosion Safety:
Keep ignition sources away and do not smoke.

Prevent the buildup of electrostatic charges.
Keep away from heat, sparks, open flames, and hot surfaces.
7.2 Safe Storage Conditions, Including Incompatibilities
Storage: Store in tightly sealed containers in well-ventilated, cool areas.
Storage Room and Container Requirements: Maintain a cool environment for storage.
Common Storage Guidelines: Keep away from oxidizing agents.
Additional Storage Information: Protect the product from heat and direct sunlight. Ensure storage areas are locked.
Recommended storage temperature: between +2°C and 40°C.
7.3 Specific End Uses No additional relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters
Ingredients with Workplace Limit Values
CAS: 1330-20-7 Xylene mixture of isomers

IOELV (EU)	Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm Skin
WEL (Great Britain)	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV

CAS: 100-41-4 ethylbenzene

IOELV (EU)	Short-term value: 884 mg/m³, 200 ppm Long-term value: 442 mg/m³, 100 ppm Skin
WEL (Great Britain)	Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk

DNELs

(EC: 905-588-0) ethylbenzene and xylene reaction mass

Workers:

Long-term systemic effect, by inhalation: 221 mg/m³
Long-term local effect, by inhalation: 221 mg/m³
Short-term local effect, by inhalation: 442 mg/m³
Long-term systemic effect, dermal: 212 mg/kg bw/d

Consumers:

Long-term systemic effect, inhalation: 65.3 mg/m³
Short-term systemic effect, inhalation: 260 mg/m³
Long-term local effect, inhalation: 65,3 mg/m³
Short-term local effect, inhalation: 260 mg/m³
Long-term systemic effect, dermal: 125 mg/kg bw/d
Long-term systemic effect, oral: 12,5 mg/kg bw/d

(CAS: 1330-20-7) Xylene (mixture of isomers)

Workers:

Inhalation - Long-term systemic effect: 221 mg/m³
Inhalation - Short-term acute effect: 442 mg/m³
Inhalation - Long-term local effect: 221 mg/m³
Dermal - Long-term systemic effect: 212 mg/kg bw/d

Consumers:

Inhalation - Long-term systemic effect: 65.3 mg/m³
Inhalation - Short-term acute effect: 260 mg/m³
Inhalation - Long-term local effect: 65,3 mg/m³
Dermal - Long-term systemic effect: 125 mg/kg bw/d
Oral - Long-term systemic effect: 12,5 mg/kg bw/d

(CAS: 100-41-4) Ethylbenzene

Workers:

Inhalation - Long-term systemic effect: 77 mg/m³
Inhalation - Long-term local effect: 293 mg/m³
Dermal - Long-term systemic effect: 180 mg/kg bw/d

Consumers:
Inhalation - Long-term systemic effect: 15 mg/m³
Oral - Long-term systemic effect: 1,6 mg/kg bw/d

PNECs
(EC: 905-588-0) Reaction mass of xylene and ethylbenzene
Fresh water: 0,327 mg/l
Marine water: 0,327 mg/l
STP: 6,58 mg/l
Fresh water sediment: 12,46 mg/kg sediment dw
Marine water sediment: 12,46 mg/kg sediment dw
Soil: 2,31 mg/kg soil dw
CAS: 1330-20-7 Xylene (mixture of isomers)
STP: 6.58 mg/l
Freshwater: 0.327 mg/l
Soil: 2.31 mg/kg
Marine water: 0.327 mg/l
Intermittent releases: 0.327 mg/l
Sediment (freshwater): 12.46 mg/kg
Sediment (marinewater): 12.46 mg/kg
CAS: 100-41-4 Ethylbenzene
STP 9.6 mg/L
Freshwater: 0.1 mg/l
Soil 2,68 mg/kg
Marine water: 0.01 mg/l
Intermittent releases: 0.1 mg/l
Sediment (freshwater): 13.7 mg/kg
For oral use: 20 g/kg
Sediment (marinewater): 1.37 mg/kg

8.2 Exposure Controls
8.2.1 Appropriate Engineering Controls Ensure sufficient ventilation in the working area.
Individual Protection Measures (Personal Protective Equipment):
General Safety and Hygiene Practices:
Keep away from food, beverages, and animal feed.
Wash hands thoroughly before breaks and after completing work.
Remove contaminated clothing and wash before reuse.
Prevent contact with eyes and skin.
Avoid inhaling vapors or mists.
Do not eat, drink, or smoke while handling the product.

Respiratory Protection:

In areas with insufficient ventilation, use an appropriate respiratory device. Respiratory protection is essential in poorly ventilated environments and during spraying. For short-term tasks, a combination of charcoal and particulate filter A2-P2 (EN529) is recommended, or use an air-fed mask for extended exposure.

Hand Protection:

Wear chemical-resistant gloves that comply with EN 374-1 standards. Gloves should be impermeable and resistant to the specific substances in the product. Select glove material based on penetration time, diffusion rate, and resistance to degradation.

Recommended Glove Materials for Handling at Room Temperature:

Butyl rubber (IIR): Thickness ≥0.5mm, breakthrough time ≥480 minutes.

Fluorinated rubber (FKM): Thickness ≥0.4mm, breakthrough time ≥480 minutes.

Contaminated gloves should be disposed of.

The choice of gloves should not only consider the material but also other quality indicators, which can vary between manufacturers. Since the product is a blend of multiple substances, test the glove's resistance before use.

Penetration Time for Glove Material: Penetration times determined under EN 16523-1:2015 conditions may not reflect practical usage. Therefore, it is advisable to limit the wearing time to 50% of the stated penetration time.

Eye/Face Protection:

Wear safety glasses with side shields (e.g., frame goggles compliant with EN 166).

Body Protection:

Use protective clothing and boots that are chemically resistant, as per EN 14605 standards.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Liquid

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Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Not determined
Flammability	Not applicable
Lower and upper explosion limit **Lower:** **Upper:**	 Not determined Not determined
Flash point:	27 °C (Reaction mass of ethylbenzene and xylene)
Auto-ignition temperature:	488 °C (Reaction mass of ethylbenzene and xylene)
Decomposition temperature:	Not determined
pH	Not determined
Viscosity: **Kinematic viscosity at 23 °C** **Dynamic:**	 10 s (DIN CUP 6mm) Not determined
Solubility **water:**	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density **Density at 20 °C:**	0.88 g/cm³

Relative density **Vapour density**	Not determined Not determined
9.2 Other information	
Appearance: **Form:**	Liquid
Important information on protection of health and environment, and on safety. **Ignition temperature:** **Explosive properties:**	Product is not selfigniting. Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent content: **VOC (EC)**	860 g/l
Drip point: **Oxidising properties**	Not oxidising
Evaporation rate	Not determined
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
Evaporation rate	Not determined
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 additional relevant information is available.

10.2 Chemical Stability The product remains stable under normal environmental temperatures, with no thermal decomposition expected.

10.3 Potential for Hazardous Reactions No known hazardous reactions under standard conditions.

10.4 Conditions to Avoid Avoid exposure to heat, sparks, open flames, or any other ignition sources.

10.5 Incompatible Materials Strong oxidizing agents.

10.6 Hazardous Decomposition Products May release carbon dioxide (CO2) and carbon monoxide (CO) upon decomposition.

SECTION 11: Toxicological information

11.1 Information on Hazard Classes According to Regulation (EC) No 1272/2008

Acute Toxicity: Harmful if it comes into contact with the skin or is inhaled.

LD/LC50 Values Relevant for Classification: (EC: 905-588-0) Reaction mass of ethylbenzene and xylene.

Oral	**LD50**	**3,523 mg/kg bw (rat)**
Dermal	**LD50**	**12,126 mg/kg (rabbit)**
Inhalation	**LC50 (4h)**	**27,124 mg/m³ (rat)**

ATE (Acute Toxicity Estimates)

Dermal	**LD50**	**1,196 mg/kg**
Inhalation	**LC50/4h (vapour)**	**12 mg/l**

CAS: 1330-20-7 Xylene mixture of isomers

Oral	**LD50**	**>3,523 mg/kg (rat)**
Dermal	**LD50**	**>12,126 mg/kg (rabbit)**
Inhalation	**LC50/4h (vapour)**	**>27 mg/l (rat)**

CAS: 100-41-4 ethylbenzene

Oral	**LD50**	**3,500 mg/kg (rat)**
Dermal	**LD50**	**17,800 mg/kg (rabbit)**
Inhalation	**LC50 (4h)**	**4,000 ppm (rat)**

Skin Corrosion/Irritation: Causes irritation to the skin.

Serious Eye Damage/Irritation: Leads to serious eye irritation.

Respiratory or Skin Sensitization: Available data does not indicate a need for classification.

Germ Cell Mutagenicity: No evidence supports classification for mutagenicity based on available data.

Carcinogenicity: There is no indication of carcinogenic effects according to current data.

Reproductive Toxicity: The product does not meet classification criteria for reproductive toxicity.
STOT - Single Exposure: Classified as Specific Target Organ Toxicity (Category 3) for single exposure. May cause irritation to the respiratory system.
STOT - Repeated Exposure: Classified under Specific Target Organ Toxicity (Category 2) due to prolonged or repeated exposure. Prolonged exposure may damage the hearing organs.
Aspiration Hazard: Categorized under Aspiration Toxicity (Category 1). May be fatal if ingested and enters the respiratory tract.

11.2 Information on Other Hazards

Endocrine Disrupting Properties:

The product does not contain substances listed under Article 59(1) of REACH for endocrine-disrupting effects, nor does it meet the criteria defined by Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or more.
No ingredients are listed as endocrine disruptors.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

(EC: 905-588-0) Reaction mass of ethylbenzene and xylene

NOEC (56 d)	**> 1.3 mg/l (Fish)**
EC50 (72h)	**>3.4 mg/l (Algae)**
LC50	**2.6 - 11.23 mg/l (Fish)**
NOEC r (72h)	**0.44 mg/l (Algae)**

CAS: 1330-20-7 Xylene mixture of isomers

EC50 (72h)	**4.6-4.9 mg/l (algae)**
EC50 (48h)	**>10 mg/l (Daphnia magna)**
LC50 (96h)	**>2.6 mg/l (fish)**
NOEC (21d)	**1.57 mg/l (Daphnia magna)**
EC50(24h)	**>1 mg/l (Daphnia magna)**

CAS: 100-41-4 ethylbenzene

EC50 (48h)	**73 mg/l (daphnia magna)**

12.2 Persistence and Degradability No additional relevant information is available.
12.3 Bioaccumulative Potential No further relevant data is available.
12.4 Mobility in Soil No additional information is available.
12.5 PBT and vPvB Assessment
This product does not contain any ingredients classified as persistent, bioaccumulative, and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or more, as outlined in REACH Annex XIII.
PBT: Not applicable
vPvB: Not applicable
12.6 Endocrine Disrupting Properties
The product does not include substances listed under Article 59(1) of REACH as endocrine disruptors, nor has it been identified as having endocrine-disrupting characteristics based on the criteria in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or above.
12.7 Other Adverse Effects No further relevant information is available.

SECTION 13: Disposal considerations

13.1 Waste Treatment Methods
Recommendation:
Empty containers may still hold hazardous residues.
Keep the label intact on the packaging until it has been properly cleaned.
Dispose of waste in accordance with national regulations.

Do not dispose of with regular household waste, and ensure the product does not enter the sewage system.
Contact manufacturer for recycling information
European waste catalogue

HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP6	Acute Toxicity

Uncleaned Packaging:
Recommendation: Dispose of packaging in compliance with official regulations.
Suggested Cleaning Agents: Use water, combined with appropriate cleaning agents if needed.

SECTION 14: Transport information

14.1 UN number or ID number **ADR, IMDG, IATA**	UN1993
14.2 UN proper shipping name **ADR** **IMDG, IATA**	1993 FLAMMABLE LIQUID, N.O.S (XYLENES, ETHYLBENZENE) FLAMMABLE LIQUID, N.O.S. (XYLENES, ETHYLBENZENE)
14.3 Transport hazard class(es)	
ADR, IMDG, IATA  **Class** **Label**	 3 Flammable liquids 3
14.4 Packing group	
ADR, IMDG, IATA	III
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	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
 **Limited Quantity Marking**	
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
 **Limited Quantity Marking**	
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 1993 FLAMMABLE LIQUID, N.O.S. (XYLENES, ETHYLBENZENE), 3, III

SECTION 15: Regulatory information

15.1 Safety, Health, and Environmental Regulations/Legislation Specific to the Substance or Mixture
Relevant Regulations:
REACH Regulation (EC) No 1907/2006
Regulation (EU) 2020/878
CLP Regulation (EC) No 1272/2008
Directive 98/24/EC on protecting workers' health and safety from chemical risks in the workplace
Council Directive 94/33/EC on safeguarding young workers, as amended
Directive 92/85/EEC on safety and health improvements for pregnant workers, new mothers, or those breastfeeding, as amended
Directive 2012/18/EU Dangerous Substances Listing - Annex I: The substance is not listed in Annex I.

Seveso Category: P5c: Flammable Liquids
Lower-tier threshold: 5,000 tonnes
Upper-tier threshold: 50,000 tonnes
REACH Regulation (EC) No 1907/2006 - Annex XVII: Conditions of restriction: 3
Directive 2011/65/EU (RoHS) - Annex II: None of the ingredients are listed as restricted hazardous substances in electrical and electronic equipment.
Regulation (EU) 2019/1148:
Annex I - Restricted Explosives Precursors: No listed ingredients (upper limit for licensing per Article 5(3)).
Annex II - Reportable Explosives Precursors: No listed ingredients.
Drug Precursor Regulations:
Regulation (EC) No 273/2004: No listed ingredients.
Regulation (EC) No 111/2005: No listed ingredients.
National Regulations: No specific national regulations apply.
Other Restrictions: Substances of Very High Concern (SVHC) as Defined by REACH Article 57:
The product does not contain any substances identified as SVHC.
15.2 Chemical Safety Assessment A Chemical Safety Assessment has not been conducted for this

SECTION 16: Other information

The information provided reflects our current knowledge. However, it does not serve as a guarantee of specific product properties and does not create a legally binding agreement.
Relevant phrases
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids	Bridging principles
Acute toxicity - dermal Acute toxicity - inhalation Skin corrosion/irritation Serious eye damage/irritation Specific target organ toxicity (single exposure) Specific target organ toxicity (repeated exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
Aspiration hazard	Expert judgement

Version number of previous version: 1

Abbreviations and acronyms:

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)
VOC: Volatile Organic Compounds (USA, EU)
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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
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

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