



LAVA 20 VERTICAL

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 16. 02. 2024

Version Number 6 (replaces version 5)

Revision: 16.02.2024

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

1.1 Product identifier

Trade name: LAVA 20 VERTICAL

1.2 Relevant identified uses of the substance or mixture and uses advised against Professional use

Application of the substance / the mixture: Polyurethane Waterproofing Coating

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 Classification of the substance or mixture

Classification according to Regulation EC No 1272/2008 CLP:

GHS02 flame



Flam. Liq. 3 H226 Flammable liquid and vapour.

GHS08 health hazard



Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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.

GHS07



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.



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2.2 Label elements

Labelling according to Regulation EC No 1272/2008 CLP:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS02 GHS08

Signal word: Danger

Hazard-determining components of labelling:

Reaction mass of ethylbenzene and m-xylene and p-xylene
m-tolylidene diisocyanate
4,5-dichloro-2-octyl-2H-isothiazol-3-one

Hazard statements:

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

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.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH204 Contains isocyanates. May produce an allergic reaction.
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Do not breathe spray or mist. As from 24 August 2023 adequate training is required before industrial or professional use.

2.3 Other hazards

Results of PBT and vPvB assessment

The product does not contain ingredients that are considered either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



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PBT: Not applicable.

vPvB: Not applicable.

Assessment of Endocrine-Disrupting Properties

This product does not contain any substances listed under Article 59(1) of REACH as having endocrine-disrupting properties. Also, it has not been identified as meeting the criteria for endocrine disruption as defined in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations equal to or exceeding 0.1%.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture: consisting of the following components.

Ingredients according Regulation (EU) 2020/878:

EC number: 905-562-9 Reg.nr.: 01-2119488216-32-XXXX	Reaction mass of ethylbenzene and m-xylene and p-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; Aquatic Chronic 3, H412 Specific concentration limit: STOT RE 2; H373: C ≥ 10 %	≥ 10 -<25%
CAS: 26471-62-5 EINECS: 247-722-4 Index number: 615-006-00-4 Reg.nr.: 01-2119454791-34-XXXX	m-tolylidene diisocyanate Acute Tox. 2, H330; Resp. Sens. 1, H334; Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412, EUH204 Specific concentration limit: Resp. Sens. 1; H334: C ≥ 0.1 % substance with a Community workplace exposure limit	≥ 0.1 -<1%
CAS: 64359-81-5 EINECS: 264-843-8 Index number: 613-335-00-8	4,5-dichloro-2-octyl-2H-isothiazol-3-one Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Skin Sens. 1A, H317 ATE: LD50 oral: 567 mg/kg Specific concentration limits: Skin Irrit. 2; H315: C ≥ 0.025 %	≥ 0.0025 -<0.025%



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	Eye Irrit. 2; H319: C $\geq$ 0.025 % Skin Sens. 1A; H317: C $\geq$ 0.0015 %	
CAS: 1317-65-3 EINECS: 215-279-6	limestone substance with a Community workplace exposure limit	≥ 25 -<35%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17-XXXX	titanium dioxide substance with a Community workplace exposure limit	≥ 2.5 -<5%

Substances of Very High Concern (SVHC)

This product does not contain any candidate substances of very high concern (SVHC) at concentrations equal to or greater than 0.1%, in compliance with Regulation (EC) No 1907/2006 (REACH), Article 59.

Additional Information:

Titanium dioxide (CAS: 13463-67-7)

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide present in particles with an aerodynamic diameter of $\leq 10 \mu\text{m}$.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Medical observation is required for at least 48 hours after the accident since symptoms of poisoning may not show up for several hours.

Allow affected people to get some fresh air. Request medical help immediately.

After inhalation:

If the patient becomes unconscious, secure him in a side position for transportation.

Get fresh air. Provide artificial respiratory support if necessary. Keep the patient warm.

If symptoms last, see a doctor.

After skin contact:

Wash with soap and water immediately, then thoroughly rinse.

Talk to a doctor if skin irritation persists.

Take off any contaminated clothing.

After eye contact:

Rinse the opened eye under flowing water for a few minutes. Consult a doctor if the symptoms continue.

Take off your contact lenses and keep rinsing for a few minutes.

Avoid forceful water jets to prevent corneal injury; consult a doctor.



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After swallowing:

Do not force yourself to vomit; instead, contact emergency help right away.

Ensure you are getting lots of fresh air and drink. Make a doctor's appointment immediately.

Seek emergency medical attention.

Never offer anything by mouth to an unconscious individual.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fire with foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Carbon dioxide (CO₂)

Carbon monoxide (CO)

5.3 Advice for firefighters

Protective equipment:

In the event of fire, self-contained breathing gear and full protective clothes are required.

Additional information

Separately collect contaminated fire-fighting water. It should not go down the sewage line.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Make sure there is enough air circulation.

Avoid breathing in fumes.

Avoid Contact with skin and eyes.

Stay away from sources of ignition.

6.1.1 For non-emergency personnel

Stay away from any leaking or flowing substances.

Use personal protective equipment.

6.1.2 For emergency responders

Wear safety gear when necessary. Keep vulnerable people at a distance.

Protective gear, gloves, goggles, and a breathing device with a type A filter are required for first-aid rescuers.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Utilize absorbent material to collect (sand, diatomite).

Make sure there is enough airflow.

Place in appropriate containers for salvage or disposal.



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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 disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes, and clothing.

Prevent inhalation and ingestion.

Refrain from eating, drinking, or smoking while using this product.

Wash contaminated clothing before reuse.

Thoroughly wash hands after handling.

Information about fire - and explosion protection: Avoid smoking and keep all combustible materials away.

Safeguard against electrostatic charges.

Keep away from ignition sources and avoid smoking.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in cool, dry conditions in well sealed receptacles.

Requirements to be met by storerooms and receptacles: Store in a cool place.

Additional Storage Conditions:

Store separately from oxidizing agents.

Additional Storage Conditions:

Ensure containers are tightly sealed.

Keep away from heat and direct sunlight.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 1317-65-3 limestone

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable
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CAS: 13463-67-7 titanium dioxide

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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CAS: 26471-62-5 m-tolylidene diisocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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DNELs

(EC: 905-562-9) Reaction mass of ethylbenzene, m-xylene and p-xylene

Workers:

Long-term systemic effect, by inhalation: 221 mg/m³

Long-term local effect, by inhalation: 221 mg/m³

Short-term local effect, 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

PNECs

(EC: 905-562-9) reaction mass of ethylbenzene and m-xylene and p-xylene

Fresh water: 0.044 mg/l

Fresh water (intermittent releases): 0.01 mg/l

Marine water: 0.004 mg/l

STP: 1.6 mg/l

Freshwater sediment: 2.52 mg/kg of sediment dw

Marine water sediment: 0.252 mg/kg sediment dw

Soil: 0.852 mg/kg

8.2 Exposure Controls

8.2.1. Appropriate Engineering Controls Ensure adequate ventilation is provided.

Personal Protection Measures, Including PPE

General Protective and Hygiene Measures:

Keep away from food, drinks, and animal feed.

Wash hands before breaks and after finishing work.

Avoid contact with eyes and skin.



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Do not eat, drink, or smoke while handling the product.

Prevent inhalation and ingestion.

Remove and wash contaminated clothing before reuse.

Respiratory Protection:



Use appropriate respiratory protective equipment if ventilation is insufficient. Respiratory protection is necessary in poorly ventilated areas and during spraying. An air-fed mask is recommended, or for short-term tasks, a combination of a charcoal filter and particulate filter A2-P2 (EN529).

Hand Protection:



Use chemical-resistant protective gloves (standard EN 374-1). Gloves should be impermeable and resistant to the specific product, substance, or mixture. Choose glove material based on penetration times, diffusion rates, and degradation.

Glove Material:

For handling at room temperature: Butyl rubber (IIR) with a thickness of $\geq 0.5\text{mm}$ and a breakthrough time of ≥ 480 minutes. Fluorinated rubber (FKM) with a thickness of $\geq 0.4\text{mm}$ and a breakthrough time of ≥ 480 minutes.

Recommendation: Dispose of contaminated gloves.

Glove Selection:

Suitable gloves should be chosen not only based on material but also on quality markers, which can vary between manufacturers. As the product contains a mix of substances, the resistance of glove materials cannot be predetermined and should be verified before use.

Penetration Time of Glove Material: ≥ 480 minutes. The penetration times determined according to EN 16523-1:2015 are not based on real-world conditions. Therefore, a maximum wear time of 50% of the penetration time is recommended.

Eye/Face Protection:



Use safety glasses with side-shields (e.g., frame goggles, standard EN 166).

Body Protection:



Wear chemical-resistant protective clothing (EN 14605) and boots.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Viscous liquid
Colour:	Various colours
Odour:	Light
Odour threshold:	Not determined
Melting point/freezing point:	Not determined
Flammability	Flammable.
Lower and upper explosion limit Lower: Upper:	Not determined Not determined
Flash point:	31 °C (ASTM D93)
Auto-ignition temperature:	488 °C
Decomposition temperature:	Not determined
pH	Not determined
Viscosity: Dynamic:	Not determined
Solubility water:	Not miscible
Partition coefficient n-octanol/water (log value)	Not determined



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Vapour pressure:	Not determined
Density and/or relative density Density at 20 °C: Relative density Vapour density	1.34-1.35 g/cm ³ Not determined Not determined
9.2 Other information	
Appearance: Form:	Viscous liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent separation test:	<1 % (UN Part III, par. 32.5.1)
Solvent content: VOC (EC)	262 g/l
Setting temperature / range: Oxidising properties	Not classified as an oxidizer according to CLP Regulation 1272/2008/EC.
Evaporation rate	Not determined
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void



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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



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SECTION 10: Stability and reactivity

10.1 Reactivity Stable under standard conditions.

10.2 Chemical Stability The material remains stable under normal conditions.

Thermal Decomposition/Conditions to Avoid:

To prevent thermal decomposition, avoid excessive heating. Stable at ambient temperatures.

10.3 Possibility of Hazardous Reactions No known dangerous reactions.

10.4 Conditions to Avoid Keep away from heat, sparks, open flames, and other ignition sources.

10.5 Incompatible Materials Oxidizing agents.

10.6 Hazardous Decomposition Products May produce carbon monoxide (CO) and carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Inhalative	LC50/4 h (vapour)	107 mg/l
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Reaction mass of ethylbenzene and m-xylene and p-xylene

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

CAS: 13463-67-7 titanium dioxide

Oral	LD50	>5,000 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	>6.82 mg/l (rat)

CAS: 26471-62-5 m-tolylidene diisocyanate

Oral	LD50	>2,000 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	>2,000 mg/kg (rabbit) (Acute Dermal Toxicity)
Inhalative	LC50/4 h (vapour)	0.107 mg/l (rat)



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CAS: 64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one

Oral	LD50	567 mg/kg (ATE)
Inhalative	LC50/4h (dusts and mists)	0.16 mg/l

Skin Corrosion/Irritation: Causes irritation to the skin.

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

Respiratory or Skin Sensitization:

May cause allergy or asthma symptoms or breathing difficulties upon inhalation.

May trigger an allergic skin reaction.

Germ Cell Mutagenicity: Current data does not meet classification criteria for germ cell mutagenicity.

Carcinogenicity: Based on available data, the product does not meet classification criteria for carcinogenicity.

Reproductive Toxicity: The product is not classified for reproductive toxicity.

STOT - Single Exposure: Does not meet classification criteria based on existing data.

STOT - Repeated Exposure:

Classified under Specific Target Organ Toxicity (Category 2) for repeated exposure.

May cause organ damage with prolonged or repeated exposure.

Aspiration Hazard:

Classified under Aspiration Toxicity (Category 1).

May be fatal if swallowed and enters the respiratory tract.

Additional Toxicological Information:

Sensitization: Skin contact may lead to sensitization.

11.2 Information on Other Hazards

Endocrine Disrupting Properties:

The product contains no substances listed in accordance with Article 59(1) of REACH as endocrine disruptors, nor does it meet the criteria for endocrine-disrupting properties as per Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or higher.

None of the ingredients are listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Reaction mass of ethylbenzene and m-xylene and p-xylene

EC50 (72h)	4.6-4.9 mg/l (algae)
EC50 (48h)	10.389 mg/l (Daphnia magna)
LC50 (96h)	>2.6 mg/l (fish)



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CAS: 13463-67-7 titanium dioxide

EC50 (72h)	100 mg/l (algae)
EC50 (48h)	2.41-103.9 mg/l (Daphnia magna)
LC50 (96h)	1 mg/l (fish)
NOEC(72h)	100 mg/l (algae)
NOEC (21d)	5 mg/l (Daphnia magna)
NOEC (14d)	0.87-1.1 mg/l (fish)

CAS: 26471-62-5 m-tolylidene diisocyanate

EC50 (72h)	3,230 mg/l (algae)
EC50 (48h)	12.5 mg/l (daphnia magna)
LC50 (96h)	133 mg/l (fish)

12.2 Persistence and Degradability No additional relevant information is available.

12.3 Bioaccumulative Potential No further information is available.

12.4 Mobility in Soil No relevant data available.

12.5 PBT and vPvB Assessment

The product does not contain ingredients classified as persistent, bioaccumulative, and toxic (PBT) or as very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or more, as per REACH, Annex XIII.

PBT: Not applicable

vPvB: Not applicable

12.6 Endocrine Disrupting Properties

The product does not contain substances listed under Article 59(1) of REACH as endocrine disruptors and has not been identified as having endocrine-disrupting properties based on the criteria in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other Adverse Effects

Remark: Harmful to fish



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Additional Ecological Information: The product contains components harmful to the environment and aquatic life. Avoid releasing undiluted product or large quantities into groundwater, water bodies, or sewage systems.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose according to National Regulations.

Not to be disposed of with regular trash. Do not let product enter the drainage system.



Contact manufacturer for recycling information.

European Waste Catalogue

- HP3: Flammable
- HP5: Specific Target Organ Toxicity (STOT) / Aspiration Toxicity
- HP14: Ecotoxic

Uncleaned packaging:

Recommendation:

Official guidelines must be followed while disposing of materials.

After cleaning, packaging can be recycled or used again.

SECTION 14: Transport information

14.1 UN number or ID number ADR, IMDG, IATA	UN1866
14.2 UN proper shipping name ADR IMDG, IATA	1866 RESIN SOLUTION RESIN SOLUTION
14.3 Transport hazard class(es) ADR, IMDG, IATA  Class Label	3 Flammable liquids. 3
14.4 Packing group ADR, IMDG, IATA	III



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14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	30
EMS Number:	F-E, <u>S-E</u>
Stowage Category	A
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ)	5L 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) Excepted quantities (EQ)	5 L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation"	UN 1866 RESIN SOLUTION, 3, III



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SECTION 15: Regulatory information

15. Regulatory Information

15.1 Safety, Health, and Environmental Regulations/Legislation Specific to the Substance or Mixture

This product is regulated under the following EU legislation:

REACH Regulation (EC) No. 1907/2006, Regulation (EU) 2020/878, CLP Regulation (EC) No. 1272/2008 Directive 98/24/EC – Protection of workers from chemical risks, Directive 94/33/EC – Protection of young, people at work (as amended), Directive 92/85/EEC – Safety and health measures for pregnant and breastfeeding workers (as amended), Directive 2012/18/EU (Seveso III Directive)

Seveso Classification:

Category: P5c – Flammable Liquids

Threshold quantities:

Lower-tier: 5,000 tonnes

Upper-tier: 50,000 tonnes

Annex I – Dangerous Substances: The substance is not listed in Annex I.

REACH Annex XVII Restrictions: Subject to the following restrictions: 3, 52a, 74

Directive 2011/65/EU (RoHS): No components are listed in Annex II restricting hazardous substances in electrical and electronic equipment.

Regulation (EU) 2019/1148 on Explosives Precursors:

Annex I – Restricted precursors: None of the ingredients are listed.

Annex II – Reportable precursors: None of the ingredients are listed.

Drug Precursor Regulations:

Regulation (EC) No. 273/2004: No ingredients listed

Regulation (EC) No. 111/2005: No ingredients listed

National Regulations: No additional national regulations reported.

SVHC (Substances of Very High Concern) under REACH Article 57: This product does not contain any SVHC substances.

15.2 Chemical Safety Assessment: A chemical safety assessment has not been conducted for this product.

SECTION 16: Other information

This information is based on our present knowledge. However, this 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.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.



LAVA 20 VERTICAL

Safety Data Sheet

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

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H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

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

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH204 Contains isocyanates. May produce an allergic reaction.

Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Version number of previous version: 4

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

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

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

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity – 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 Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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

* Data compared to the previous version altered.