LAVA 20 FAST 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 12. 10. 2021 **Version Number 5 (replaces version 4)** **Revision: 12. 10. 2021**

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

1.1 Product identifier

Trade name: LAVA 20 FAST PRIMER

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

Application of the substance / the mixture: Polyurethane primer

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.
Carc. 2 H351 Suspected of causing cancer.
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 

Acute Tox. 4 H332 Harmful if inhaled.
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.
STOT SE 3 H335 May cause respiratory irritation.
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 GHS07 GHS08

Signal word: Danger

Hazard-determining components of labelling:

Reaction mass of ethylbenzene and m-xylene and p-xylene
diphenylmethane diisocyanate,isomeres and homologues
maleic anhydride
m-tolylidene diisocyanate
Addition reaction products of conjugated sunflower-oil fatty acids and tall-oil fatty acids with maleic anhydride

Hazard statements:

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
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.
H351 Suspected of causing cancer.
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.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P201 Obtain special instructions before use.
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.
P273 Avoid release to the environment.
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.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 IF exposed or concerned: Get medical advice/attention.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Additional information:
EUH204 Contains isocyanates. May produce an allergic reaction.
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.
Ingredients according to 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	**25-50%**
CAS: 9016-87-9	**Diphenylmethane diisocyanate,isomeres and homologues** Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 %	**10-25%**
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29-XXXX	**2-methoxy-1-methylethyl acetate** Flam. Liq. 3, H226	**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 %	**≥0.1-<1%**
EC number: 701-043-4 Reg.nr.: 01-2119976378-19-XXXX	**Addition reaction products of conjugated sunflower-oil fatty acids and tall-oil fatty acids with maleic anhydride** Skin Irrit. 2, H315; Skin Sens. 1, H317	**≥0.1-<1%**
CAS: 108-31-6 EINECS: 203-571-6 Index number: 607-096-00-9 Reg.nr.: 01-2119472428-31-XXXX	**maleic anhydride** Resp. Sens. 1, H334; STOT RE 1, H372; Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	**≥0.001-<0.1%**

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

After inhalation:

Remove to open air.

If the subject stops breathing, administer artificial respiration.

Get medical advice/attention immediately.

After skin contact:

Remove contaminated clothing.

Rinse skin with a shower immediately.

Get medical advice/attention immediately.

Wash contaminatedclothing before using it again.

After eye contact:

Remove contact lenses, if present.

Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully.

If problem persists, seek medical advice.

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

After swallowing:
Get medical advice/attention immediately.
Do not induce vomiting.
Do not administer anything not explicitly authorised by adoctor.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray.
For safety reasons unsuitable extinguishing agents: Water with full jet
5.2 Special hazards arising from the substance or mixture No further relevant information available.
5.3 Advice for firefighters
Protective equipment:
Mouth respiratory protective device.
Wear fully protective suit.
Additional information
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
Keep away from ignition sources.
Avoid inhalation of vapors.
Wear protective clothing.
Avoid contact with the skin, eyes and clothing.
6.1.1 For non-emergency personnel Ensure sufficient ventilation.
6.1.2 For emergency responders
Wear protective equipment. Keep unprotected persons away.
First-aid responders must wear protectice clothing, gloves, goggles and respiratory device with filter type A.
6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Collect with absorbent material (sand, diatomite).
Ensure adequate ventilation.
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 Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep away from heat, sparks, open flames and hot surfaces.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Store in a cool location.
Store away from sources of ignition
Provide ventilation for receptacles.
Further information about storage conditions: Keep container tightly sealed.
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: 9016-87-9 diphenylmethane diisocyanate, isomeres and homologues

WEL (Great Britain)	Short term value: 0.07 mg/m³ Long term value: 0.02 mg/m³ Sen; as - NCO

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

WEL (Great Britain)	Short term value: 548 mg/m³, 100 ppm Long term value: 0.02 mg/m³ Sen; as - NCO
IOELV (EU)	Short term value: 550 mg/m³, 100 ppm Long term value: 275 mg/m³, 50 ppm

CAS: 26471-62-5 m-tolylidene diisocyanate

WEL (Great Britain)	Short term value: 0.07 mg/m³ Long term value: 0.02 mg/m³ Sen; as - NCO

CAS: 108-31-6 maleic anhydride

WEL (Great Britain)	Short term value: 3 mg/m³ Long term value: 1 mg/m³ Sen

DNELs
ETHYLBENZOLE REACTION MIXTURE, m-Xylol and p-Xylol.
DNEL Workers:
Inhalation - Intensive systemic effect = 289 mg / m 3
Inhalation - Chronic systemic effect = 77 mg / m 3
Skin - Chronic systemic effect = 180 mg / kg
DNEL Consumers:
Mouth - Chronic systemic effect = 1.6 mg / kg
Inhalation - Intensive systemic effect = 174 mg / m 3
Inhalation - Chronic systemic effect = 14.8 mg / m 3
Skin - Chronic systemic effect = 108 mg / kg
PNECs
ETHYLBENZOLE REACTION MIXTURE, m-Xylol and p-Xylol.
PNEC:
in fresh water 0.327 mg / l
in marine water 0,327 mg / l
for sediment in fresh water 12,46 mg / kg
for sediment in marinewater 12,46 mg / kg
for water, intermittent release of 0.327 mg / l
for STP 6.58 mg / l microorganisms
for the terrestrial area of 2,31 mg / kg

8.2 Exposure controls
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not eat, drink or smoke while using the product.
Do not breathe vapours or mists.
Avoid contact with the eyes and skin.
Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short

periods of work, a combination of charcoal filter and particulate filter A2-P2 (EN529) is recommended.

Hand protection

Protective gloves resistant to chemicals (standard EN 374-1)
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Hand protection when handling the product at room temperature:
Butyl rubber - IIR: thickness ≥0,5mm; breakthrough time ≥480min.
Fluorinated rubber - FKM: thickness ≥0,4mm; breakthrough time ≥480min.
Recommendation: contaminated gloves should be disposed of.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Chemically resistant, protective work clothing (EN 14605) and boots.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Liquid
Colour: transparent/yellowish	transparent/yellowish
Odour	Characteristic
Odour threshold	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	130 °C
Flammability	Not applicable
Lower and upper explosion limit **Lower:** **Upper:** **Flash point:**	 0.8 Vol % 10.8 Vol % 27-32 °C (Reaction mass of ethylbenzene and m-xylene and p-xylene)
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	Not determined
Viscosity: **Kinematic viscosity** **Kinematic viscosity Dynamic at 20 °C**	 Not determined <40 mPas

Solubility **water:**	Not miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not determined
Density and/or relative density **Density at 20 °C:** **Relative density** **Vapour density**	1 g/cm³ Not determined Not determined
9.2 Other information	VOC(g/l): 498
Appearance: **Form:**	Liquid
Important information on protection of health and environment, and on safety	
Auto-ignition temperature:	488 °C
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent content: **VOC (EC)**	498 g/l
Cloud point / clarification point: **Oxidising properties**	Not considered as 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

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided Stable at environment temperature.
10.3 Possibility of hazardous reactions No dangerous reactions known.
10.4 Conditions to avoid Avoid heat, sparkles, naked flame or other sources of ignition.
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 if inhaled.
LD/LC50 values relevant for classification:

Inhalative	**ATEmix (vapours)**	**17.7 mg/l (rat)**

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

Oral	**LD50**	**4,300 mg/kg (rat)**
Inhalative	**LC50 (4h)**	**5,000 ppm (rat)** **5,000 ppm (rabbit)**

CAS: 9016-87-9 diphenylmethane diisocyanate,isomeres and homologues

Oral	**LD50**	**>10,000 mg/kg (rat)**
Dermal	**LD50**	**>10,000 mg/kg (rabbit)**
Inhalative	**LC50/4 h (vapour)**	**0.493 mg/l (rat) (OECD 401)** **0.493 mg/l (rabbit)**

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

Oral	**LD50**	**>5,000 mg/kg (rat)**
Dermal	**LD50**	**>5,000 mg/kg (rat)**
Inhalative	**LC50 (4 h)**	**1,805.05 ppm (rat)**

CAS: 1330-20-7 Xylene mixture of isomers

Oral	**LD50**	**4,300 mg/kg (rat)**
Dermal	**LD50**	**1,700 mg/kg (rabbit)**
Inhalative	**LC50 (4 h)**	**5,000 ppm (rat)**

CAS: 26471-62-5 m-tolylidene diisocyanate

Oral	**LD50**	**4,130 mg/kg (rat)**
Dermal	**LD50**	**>9,400 mg/kg (rabbit)**

CAS: 108-31-6 maleic anhydride

Oral	**LD50**	**400 mg/kg (rat)**
Dermal	**LD50**	**2,620 mg/kg (rabbit)**

Skin corrosion/irritation Causes skin irritation.
Serious eye damage/irritation Causes serious eye irritation.
Respiratory or skin sensitisation
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity

Carcinogen, Category 2
Suspected of causing cancer.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure
The product is classified as Specific Target Organ Toxicity after single exposure Category 3
May cause respiratory irritation.
STOT-repeated exposure
STOT Repeated Exposure Category 2
May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard
The product is classified Aspiration toxicity Category 1
May be fatal if swallowed and enters airways.
Additional toxicological information:
Sensitisation Sensitization possible through skin contact

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
CAS: 108-65-6 2-methoxy-1-methylethyl acetate

NOEC (28d)	**1.659 mg/l (crustacean)**

Carc. 2
11.2 Information on other hazards
Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity:
CAS: 108-65-6 2-methoxy-1-methylethyl acetate

EC50 (48h)	**8.8 mg/l (crustacean)**
LC50 (96h)	**6.83 mg/l (fis)**

CAS: 1330-20-7 Xylene mixture of isomers

EC50 (48h)	**>7.4 mg/l (daphnia magna)**
LC50 (96h)	**2.6 mg/l (fis)**
NOEC r (72h)	**440 mg/l (algae)**

CAS: 26471-62-5 m-tolylidene diisocyanate

EC50 (48h)	**12.5 mg/l (daphnia magna)**
LC50 (96h)	**133 mg/l (Oncorhynchus mykiss)**

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 For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects
Remark: Harmful to fish
Additional ecological information:
General notes:
The product contains materials that are harmful to the environment.
Harmful to aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation

Dispose according to National Regulations.

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

Contact manufacturer for recycling information.

Uncleaned packaging:
Recommendation:
Disposal must be made according to official regulations.
Packaging may be reused or recycled after cleaning.

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
14.5 Environmental hazards: **Marine pollutant:**	No
14.6 Special precautions for user **Hazard identification number (Kemler code):** **EMS Number:** **Stowage Category**	Warning: Flammable liquids 30 F-E,S-E 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 **Tunnel restriction code**	3 D/E
IMDG **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
UN "Model Regulation":	UN 1866 RESIN SOLUTION, 3, III

SECTION 15: Regulatory information

5.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Directive 94/62/EC on packaging and packaging waste.
REACH Regulation 1907/2006/EC
Regulation (EU) 2020/878
CLP Regulation 1272/2008/EC
Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.
Council Directive 94/33/EC on the protection of young people at work, as ammended.
Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

Directive 2012/18/EU
Named dangerous substances - ANNEX I Substance is not listed.
Seveso category P5c FLAMMABLE LIQUIDS
Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 74

National regulations:

Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57
It doesn't contain substances of very high concern (SVHC).
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.
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.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
EUH204 Contains isocyanates. May produce an allergic reaction.

Department issuing SDS:

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

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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. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Resp. Sens. 1: Respiratory sensitisation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
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.**