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

1.1 Product identifier

Trade name : EVERBUILD LEADMATE Patination Oil

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

Product use : Surfaces protection

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ
Telephone Telefax E-mail address of person	:	+44 (0)1707 394444 +44 (0)1707 329129 EHS@uk.sika.com
responsible for the SDS		

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Specific target organ toxicity - repeated exposure, Category 1, Central nervous system	H372: Causes damage to organs through pro- longed or repeated exposure if inhaled.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters air- ways.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Danger

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Hazard statements :	H226 H304 H372	Flammable liquid and vapour. May be fatal if swallowed and e Causes damage to organs (Cer system) through prolonged or re posure if inhaled.	ntral nervous
Precautionary statements :	P101 P102	If medical advice is needed, has container or label at hand.	ve product
	Prevention:	Keep out of reach of children.	
	P210	Keep away from heat, hot surfa open flames and other ignition s smoking.	
	P260	Do not breathe dust/ fume/ gas, pours/ spray.	/ mist/ va-
	Response:		
	P301 + P310	IF SWALLOWED: Immediately POISON CENTER/ doctor.	call a
	P331 P370 + P378	Do NOT induce vomiting. In case of fire: Use dry sand, dr alcohol-resistant foam to exting	
	Storage:		
	P405	Store locked up.	
	Disposal:		
	P501	Dispose of contents/container in with local regulation.	n accordance

Hazardous components which must be listed on the label:

solvent naphtha (petroleum), medium aliph.; Straight run kerosine

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or 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

Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
solvent naphtha (petroleum), me- dium aliph.; Straight run kerosine	Registration number 64742-88-7 265-191-7 01-2119537181-47- XXXX	Flam. Liq. 3; H226 STOT RE 1; H372 (Central nervous system) STOT RE 1; H372 (Central nervous system)	>=80
reaction mass of ethylbenzene and xylene	Not Assigned 905-588-0 01-2119488216-32- XXXX	Asp. Tox. 1; H304 Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 1 - < 2,5
ethylbenzene	100-41-4 202-849-4 01-2119489370-35- XXXX	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT RE 2; H373 (hearing organs) Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 1 - < 2,5

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.



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		If symptoms persist, call a physician.	
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specia	alist.
If swallowed	:	Do not induce vomiting without medical Rinse mouth with water. Do not give milk or alcoholic beverages Never give anything by mouth to an une	
4.2 Most important symptoms ar	nd	effects, both acute and delayed	
Symptoms	:	Aspiration may cause pulmonary oeder See Section 11 for more detailed inform and symptoms.	
Risks	:	Risk of serious damage to the lungs (by	v aspiration).
		May be fatal if swallowed and enters air Causes damage to organs through prol exposure if inhaled.	
•	me	dical attention and special treatment n	eeded
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sui	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	
Unsuitable extinguishing media	:	Water	
5.2 Special hazards arising from	th	e substance or mixture	
		No hazardous combustion products are	known
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained	breathing apparatus.
Further information	:	Use water spray to cool unopened cont	ainers.



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment.
	Remove all sources of ignition.
	Deny access to unprotected persons.
	Beware of vapours accumulating to form explosive concentra-
	tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform
		respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab-
		sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local
		/ national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	 Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not



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	smoke. Wash hands before breaks and at	the end of workday.	
7.2 Conditions for safe storage, in	cluding any incompatibilities		
Requirements for storage areas and containers	 Store in original container. Keep container dry and well-ventilated place. Containers v must be carefully resealed and kept uprigh age. Observe label precautions. Store in a local regulations. 	which are opened nt to prevent leak-	

Further information on stor- : No decomposition if stored and applied as directed. age stability

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *		
reaction mass of ethylbenzene and xy- lene	Not Assigned	TWA	50 ppm 221 mg/m3	2000/39/EC		
		Further information: Identifies the possibility of significant uptake through the skin, Indicative				
		STEL	100 ppm 442 mg/m3	2000/39/EC		
		TWA	50 ppm 220 mg/m3	GB EH40		
	Further information: Can be absorbed through the skin. The as- signed substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.					
		STEL	100 ppm 441 mg/m3	GB EH40		
ethylbenzene	100-41-4	TWA	100 ppm 442 mg/m3	2000/39/EC		
	Further information: Identifies the possibility of significant uptake through the skin, Indicative					
		STEL	200 ppm 884 mg/m3	2000/39/EC		
		TWA	100 ppm 441 mg/m3	GB EH40		
	signed substar	Further information: Can be absorbed through the skin. The as- signed substances are those for which there are concerns that				
	dermal absorp	tion will lead to syst	emic toxicity. 125 ppm 552 mg/m3	GB EH40		



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*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
reaction mass of ethylbenzene and xylene	Not Assigned	methyl hippuric acid: 650 Millimo- les per mole cre- atinine (Urine)	After shift	GB EH40 BAT

8.2 Exposure controls

Personal protective equipment						
Eye/face protection :	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water					
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.					
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.					
Skin and body protection :	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.					
Respiratory protection :	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.					
Environmental exposure controls						
General advice	 Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities. 					



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical Physical state Colour	an :	d chemical properties liquid yellow
Odour	:	characteristic
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	152 °C
Flammability (solid, gas)	:	No data available
Upper/lower flammability or o	exp	losive limits
Upper explosion limit / Up- per flammability limit	-	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	ca. 38 °C Method: closed cup
Auto-ignition temperature	:	465 °C
Decomposition temperature	:	No data available
рН	:	Not applicable
Viscosity		
Viscosity, kinematic	:	< 20,5 mm2/s (40 °C)
Solubility(ies)		
Water solubility	:	No data available
Partition coefficient: n- octanol/water	:	No data available



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Vapour pressure Density	: 0,01 hPa : ca. 0,882 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials Materials to avoid : No data available

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information.



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Components:			
reaction mass of ethylbena	ene and x	vlene:	
Acute oral toxicity) Oral (Rat): 3.523 mg/kg	
ethylbenzene:			
Acute oral toxicity	: LD50) Oral (Rat): 3.500 mg/kg	
Acute dermal toxicity	: LD50) Dermal (Rabbit): 5.510 mg/kg	
Skin corrosion/irritation			
Not classified based on avai	able inform	nation.	
Serious eye damage/eye ir	ritation		
Not classified based on avai	able inform	nation.	
Respiratory or skin sensiti	sation		
Skin sensitisation			
Not classified based on avai	able inform	nation.	
Respiratory sensitisation			
Not classified based on avai	able inform	nation.	
Germ cell mutagenicity			
Not classified based on avai	able inform	nation.	
Carcinogenicity			
Not classified based on avai	able inform	nation.	
Reproductive toxicity			
Not classified based on avai	able inform	nation.	
STOT - single exposure			
Not classified based on avai	able inform	nation.	
STOT - repeated exposure			
Causes damage to organs (haled.	Central nerv	vous system) through prolonged or	r repeated exposure if in-
Aspiration toxicity			
May be fatal if swallowed an	d enters air	ways.	
.2 Information on other haza	ds		
Endocrine disrupting prop	erties		
Product:			
Assessment	ered REA (EU)	substance/mixture does not contain to have endocrine disrupting prope CH Article 57(f) or Commission De 2017/2100 or Commission Regula	erties according to legated regulation

levels of 0.1% or higher.



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SECTION 12: Ecological information

12.1 Toxicity

Components:

reaction mass of ethylbenzene and xylene:

Toxicity to fish (Chronic tox- icity)	:	NOEC: > 1,3 mg/l Exposure time: 56 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other	:	NOEC: 1,17 mg/l

Toxicity to daprinia and other	
aquatic invertebrates (Chron-	Exposure time: 7 d
ic toxicity)	Species: Daphnia (water flea)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
		levels of 0.1% of higher.

12.7 Other adverse effects

Product:

Additional ecological infor-	:	There is no data available for this product.
mation		



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe
	way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
	Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

14.1 UN number or ID number

	ADR	:	UN 1993	
	IMDG	:	UN 1993	
	ΙΑΤΑ	:	UN 1993	
14.2	UN proper shipping name			
	ADR	:	FLAMMABLE LIQUID (naphtha (petroleum))	
	IMDG	:	FLAMMABLE LIQUID (naphtha (petroleum))	
	ΙΑΤΑ	:	Flammable liquid, n.o.s. (naphtha (petroleum))	
14.3	Transport hazard class(es)			
			Class	Subsidiary risks
	ADR	:	3	
	IMDG	:	3	
	ΙΑΤΑ	:	3	
14.4	Packing group			
	ADR Packing group Classification Code	:	III F1	



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Hazard Identification Number Labels Tunnel restriction code	: 30 : 3 : (D/E)	
IMDG Packing group Labels EmS Code	: III : 3 : F-E, S-E	
IATA (Cargo) Packing instruction (cargo aircraft)	: 366	
Packing instruction (LQ) Packing group Labels	: Y344 : III : Flammable Liquids	
IATA (Passenger) Packing group Labels	: III : Flammable Liquids	
14.5 Environmental hazards		
ADR Environmentally hazardous	: no	
IMDG Marine pollutant	: no	
IATA (Passenger) Environmentally hazardous	: no	
IATA (Cargo) Environmentally hazardous	: no	

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH Candidate list of substances of very high	:	Not applicable
concern (SVHC) for Authorisation		

The Persistent Organic Pollutants Regulations (retained	:	Not applicable
Regulation (EU) 2019/1021 as amended for Great Brit-		



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ain)		
International Chemical Weapons (Schedules of Toxic Chemicals and		
Regulation (EC) No 1005/2009 on plete the ozone layer	substances that de- : Not applicable	
UK REACH List of substances sul (Annex XIV)	bject to authorisation : Not applicable	
Volatile organic compounds :	Law on the incentive tax for volatile organic comp (VOCV) Volatile organic compounds (VOC) content: 86,8 Directive 2010/75/EU of 24 November 2010 on in	8% w/w
	emissions (integrated pollution prevention and co Volatile organic compounds (VOC) content: 86,8	ontrol)

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

specific for the substance or mixture:Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.	mental regulation/legislation specific for the substance or	May be subject to the Control of Major Accident Hazards
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Other regulations:

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

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.



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H372	: Causes damage to organs through pre-	rolonged or repeated
H373	 May cause damage to organs throug exposure. 	h prolonged or repeated
H373	: May cause damage to organs throug exposure if inhaled.	h prolonged or repeated
H412	: Harmful to aquatic life with long lastin	ng effects.
Full text of other abbreviatio	ns	
Acute Tox.	: Acute toxicity	
Aquatic Chronic	: Long-term (chronic) aquatic hazard	
Asp. Tox.	: Aspiration hazard	
Eye Irrit.	: Eye irritation	
Flam. Liq.	: Flammable liquids	
Skin Irrit.	: Skin irritation	
STOT RE	: Specific target organ toxicity - repeated	ed exposure
STOT SE	: Specific target organ toxicity - single	
2000/39/EC	: Europe. Commission Directive 2000/3	39/EC establishing a first
	list of indicative occupational exposur	re limit values
GB EH40	: UK. EH40 WEL - Workplace Exposur	
GB EH40 BAT	: UK. Biological monitoring guidance v	alues
2000/39/EC / TWA	: Limit Value - eight hours	
2000/39/EC / STEL	: Short term exposure limit	
GB EH40 / TWA	: Long-term exposure limit (8-hour TW	A reference period)
GB EH40 / STEL	: Short-term exposure limit (15-minute	
ADR	: European Agreement concerning the	
	Dangerous Goods by Road	5
CAS	: Chemical Abstracts Service	
DNEL	: Derived no-effect level	
EC50	: Half maximal effective concentration	
GHS	: Globally Harmonized System	
ΙΑΤΑ	: International Air Transport Associatio	n
IMDG	: International Maritime Code for Dang	
LD50	: Median lethal dosis (the amount of a	
	once, which causes the death of 50% test animals)	
LC50	: Median lethal concentration (concent	rations of the chemical in
	air that kills 50% of the test animals of period)	
MARPOL	: International Convention for the Prev Ships, 1973 as modified by the Proto	
OEL	: Occupational Exposure Limit	
PBT	: Persistent, bioaccumulative and toxic	
PBT	 Persistent, bloaccumulative and toxic Predicted no effect concentration 	
REACH	: Regulation (EC) No 1907/2006 of the	European Parliament
REAGIN	and of the Council of 18 December 2 istration, Evaluation, Authorisation an cals (REACH), establishing a Europe	006 concerning the Reg- nd Restriction of Chemi-
SVHC	: Substances of Very High Concern	an Ohennicais Ayency
vPvB	: Very persistent and very bioaccumula	ative



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Further information		
Classification of the mixture:	Classificatio	on procedure:

Flam. Liq. 3	H226	Based on product data or assessment
STOT RE 1	H372	Calculation method
Asp. Tox. 1	H304	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

GB / EN