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

#### 1.1 Product identifier

Trade name

EVERBUILD METHYLATED SPIRITS

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

Product use : Cleaning agent

#### 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 2

H225: Highly flammable liquid and vapour.

Eye irritation, Category 2

H319: Causes serious eye irritation.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H225 H319	Highly flammable liquid and vapour. Causes serious eye irritation.



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Precautionary statements :	P101	If medical advice is needed, ha container or label at hand.	ve product	
	P102	Keep out of reach of children.		
	Prevention:			
	P210	Keep away from heat, hot surfa open flames and other ignition smoking.	· ·	
	P233	Keep container tightly closed.		
	Response:			
	P370 + P378	In case of fire: Use dry sand, dr alcohol-resistant foam to exting		
	Disposal:			
	P501	Dispose of contents/container i with local regulation.	n accordance	

#### 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.

# **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Components			
Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
ethanol	64-17-5 200-578-6 01-2119457610-43-	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>=80
	xxxx	specific concentration limit Eye Dam. 2; H319 >= 50 %	
butanone	78-93-3 201-159-0 01-2119457290-43- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 1 - < 2,5



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propan-2-ol	67-63-0 200-661-7 01-2119457558-25- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 1 - < 2,5

or explanation of appreviations 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. If symptoms persist, call a physician.
	In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
	If swallowed	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2	Most important symptoms an	d e	ffects, both acute and delayed
	Symptoms	:	Excessive lachrymation See Section 11 for more detailed information on health effects and symptoms.
	Risks	:	irritant effects
			Causes serious eye irritation.
4.3	Indication of any immediate n	ned	ical attention and special treatment needed
	Treatment	:	Treat symptomatically.



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## **SECTION 5: Firefighting measures**

#### 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 the substance or mixture

Hazardous combustion prod-	:	No hazardous combustion products are known
ucts		

#### 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 containers.

## **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 absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) 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.



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# **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Advice on safe handling	g :	Do not breathe vapours or spray mist. 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 ap- plication 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 ag	gainst :	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 smoke. Wash hands before breaks and at the end of workday.
7.2 Conditions for safe sto	orage, incl	luding any incompatibilities
Requirements for stora areas and containers	ge :	Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.
Further information on a age stability	stor- :	No decomposition if stored and applied as directed.

# 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	Control parame-	Basis *
		of exposure)	ters *	
ethanol	64-17-5	TWA	1.000 ppm	GB EH40
			1.920 mg/m3	
	Further informa	ation: Where no spe	cific short-term ex	posure limit is
	listed, a figure	three times the long	g-term exposure li	nit should be
	used.			



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butanone	78-93-3	TWA	200 ppm 600 mg/m3	2000/39/EC
	Further infor	mation: Indicativ	ve	
		STEL	300 ppm 900 mg/m3	2000/39/EC
		TWA	200 ppm 600 mg/m3	GB EH40
	signed subst	ances are those	absorbed through the e for which there are co to systemic toxicity.	
		STEL	300 ppm 899 mg/m3	GB EH40
propan-2-ol	67-63-0	TWA	400 ppm 999 mg/m3	GB EH40
		STEL	500 ppm 1.250 mg/m3	GB EH40

\*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-	Sampling time	Basis
		ters		
butanone	78-93-3	butan-2-one: 70	After shift	GB EH40 BAT
		micromol per litre		
		(Urine)		

#### 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 ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer 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.



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	organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < Ensure adequate ventilation. This can be exhaust extraction or by general ventilat ods for determining inhalation exposure ticular to the mixing / stirring area. In can to keep the concentrations under the or limits then respiration protection measure	be achieved by local ation. (EN 689 - Meth- e). This applies in par- ase this is not sufficent ccupational exposure
Environmental exposure c	ontrols	
General advice	: Prevent product from entering drains. If the product contaminates rivers and la respective authorities.	akes or drains inform

# **SECTION 9: Physical and chemical properties**

# 9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid violet
Odour	:	unpleasant
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or (	exn	losive limits
Upper/lower flammability or o Upper explosion limit / Up- per flammability limit	-	
Upper explosion limit / Up-	:	
Upper explosion limit / Upper flammability limit	:	15 %(V)
Upper explosion limit / Up- per flammability limit Lower explosion limit / Lower flammability limit	:	15 %(V) 3,5 %(V) ca. 13 °C



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рН	: Not applicable	
<b>Viscosity</b> Viscosity, kinematic	: < 20,5 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	: No data available	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 75,9935 hPa	
Density	: ca. 0,825 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 r	eactivity	
<b>10.1 Reactivity</b> No dangerous reaction know	wn under conditions of normal use.	
10.2 Chemical stability		
The product is chemically s		
10.3 Possibility of hazardous r	eactions	

Hazardous reactions : Stable under recommended storage conditions.

Vapours	may form exp	losive mixture v	with air.

#### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

#### 10.5 Incompatible materials



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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.

## **Components:**

butanone	•
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Acute oral toxicity	:	LD50 Oral (Rat): 3.300 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 36 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg
propan-2-ol:		
Acute oral toxicity	:	LD50 Oral (Rat): < 5.000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 20 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

## **Respiratory sensitisation**

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.



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## Carcinogenicity

Not classified based on available information.

# Reproductive toxicity

Not classified based on available information.

## STOT - single exposure

Not classified based on available information.

## STOT - repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

### 11.2 Information on other hazards

## **SECTION 12: Ecological information**

#### 12.1 Toxicity

**Components:** 

# propan-2-ol:Toxicity to fish:LC50 (Pimephales promelas (fathead minnow)): 9.640 mg/l<br/>Exposure time: 96 h<br/>Method: OECD Test Guideline 203Toxicity to daphnia and other<br/>aquatic invertebrates:LC50 (Daphnia magna (Water flea)): 9.714 mg/l<br/>Exposure time: 24 h<br/>Method: OECD Test Guideline 202Toxicity to algae/aquatic<br/>plants:EC50 (Scenedesmus capricornutum (fresh water algae)): ><br/>100 mg/l<br/>Exposure time: 72 h

#### 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

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## 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



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0	.1% or higher				
12.6 Endocrine disrupting properties					

No data available

#### 12.7 Other adverse effects

#### Product:

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

## **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

Product :	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
	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 1170	
	IMDG	:	UN 1170	
	ΙΑΤΑ	:	UN 1170	
14.2	UN proper shipping name			
	ADR	:	ETHANOL	
	IMDG	:	ETHANOL	
	ΙΑΤΑ	:	Ethanol	
14.3 Transport hazard class(es)				
			Class	Subsidiary risks
	ADR	:	3	·



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IMDG	: 3	
IATA	: 3	
14.4 Packing group		
<b>ADR</b> Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	: II : F1 : 33 : 3 : (D/E)	
<b>IMDG</b> Packing group Labels EmS Code	: II : 3 : F-E, S-D	
<b>IATA (Cargo)</b> Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	: 364 : Y341 : II : Flammable Liquids	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	<ul> <li>353</li> <li>Y341</li> <li>II</li> <li>Flammable Liquids</li> </ul>	
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		

#### 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.



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# **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 concern (SVHC) for Authorisation			Not applicable	
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Brit- ain)			Not applicable	
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable	
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer			Not applicable	
UK REACH List of substances subject to authorisation : Not applicable (Annex XIV)				
Volatile organic compounds :	(VOCV) Volatile organic compo Directive 2010/75/EU o emissions (integrated)	ouno of 2 poll	or volatile organic compounds ds (VOC) content: 100% w/w 4 November 2010 on industrial ution prevention and control) ds (VOC) content: 100% w/w	
If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.				
mental regulation/legislation Health and Safety at \			Act 1990 & Subsidiary Regulations k Act 1974 & Subsidiary Regulations zardous to Health Regulations	

(COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

#### 15.2 Chemical safety assessment

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

mixture:



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# **SECTION 16: Other information**

Full text of H-Statements		
H225	:	Highly flammable liquid and vapour.
H319		Causes serious eye irritation.
H336	÷	May cause drowsiness or dizziness.
Full text of other abbreviat	ions	-
	10113	
Eye Irrit.	:	Eye irritation
Flam. Liq.		Flammable liquids
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first
		list of indicative occupational exposure limit values
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT	:	UK. Biological monitoring guidance values
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 TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)
ADR	:	European Agreement concerning the International Carriage of
		Dangerous Goods by Road
CAS	:	Chemical Abstracts Service
DNEL	:	Derived no-effect level
EC50	:	Half maximal effective concentration
GHS	:	Globally Harmonized System
IATA	:	International Air Transport Association
IMDG	:	International Maritime Code for Dangerous Goods
LD50	:	Median lethal dosis (the amount of a material, given all at
		once, which causes the death of 50% (one half) of a group of
1.050		test animals)
LC50	:	Median lethal concentration (concentrations of the chemical in
		air that kills 50% of the test animals during the observation
		period)
MARPOL	•	International Convention for the Prevention of Pollution from
		Ships, 1973 as modified by the Protocol of 1978
OEL PBT	:	Occupational Exposure Limit Persistent, bioaccumulative and toxic
PNEC	:	Predicted no effect concentration
-	:	Regulation (EC) No 1907/2006 of the European Parliament
REACH	·	and of the Council of 18 December 2006 concerning the Reg-
		istration, Evaluation, Authorisation and Restriction of Chemi-
		cals (REACH), establishing a European Chemicals Agency
SVHC		
vPvB	:	Substances of Very High Concern
	•	Very persistent and very bioaccumulative
Further information		
Classification of the mixtu	re:	Classification procedure:
Flam. Liq. 2	на	Based on product data or assessment
г аш. ц <u>ч</u> . 2	112	



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Eye Irrit. 2	H319	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