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

1.1 Product identifier

Trade name

: Sika[®] Plastiment[®]-190 UFI:

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

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Ireland Ltd
		Sika House
		Ballymun Industrial Estate
		Dublin 11
Telephone	:	+353 1862 0709
E-mail address of person	:	EHS@UK.Sika.com
responsible for the SDS		

1.4 Emergency telephone number

National Poisons Information Centre (NPIC) (01) 809 2166 (available 8am - 10pm every day)

Sika Ireland (01) 862 0709 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)					
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.				
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting effects.				

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)				
Hazard pictograms	:			
Signal word	:	Warning		
Hazard statements	:	H317 H412	May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.	

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Precautionary statements :	Prevention: P261 P273 P280	Avoid breathing mist or vapours. Avoid release to the environment. Wear protective gloves.
	Response:	
	P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
	P362 + P364	Take off contaminated clothing and wash it before reuse.
	Disposal:	
	P501	Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

triisobutyl phosphate 2-octyl-2H-isothiazole-3-one (OIT)

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
2,2'-iminodiethanol	111-42-2	Acute Tox. 4; H302	>= 0,1 - < 0,5
	203-868-0	Skin Irrit. 2; H315	
	01-2119488930-28-	Eye Dam. 1; H318	
	XXXX	STOT RE 2; H373	
		Repr. 2; H361fd	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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triisobutyl phosphate	126-71-6 204-798-3 01-2119957118-32-	Skin Sens. 1B; H317	>= 0,1 - < 0,5
2-octyl-2H-isothiazole-3-one (OIT)	XXXX 26530-20-1 247-761-7 01-2120768921-45- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 Specific concentration limit Skin Sens. 1A; H317 >= 0,0015 % Acute toxicity esti- mate Acute oral toxicity: 125 mg/kg	>= 0,0025 - < 0,025
		Acute inhalation tox- icity (dust/mist): 0,27 mg/l Acute dermal toxicity: 311 mg/kg	
Substances with a workplace expos	sure limit :		
2,2',2"-nitrilotriethanol	102-71-6		>= 1 - < 2,5
Contains:	203-049-8		
2-aminoethanol <= 0,2 %	01-2119486482-31-		
	XXXX		
For explanation of abbreviations se			

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.



according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		Show this safety data sheet to the doctor in atte	endance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.	
In case of skin contact	:	Take off contaminated clothing and shoes imm Wash off with soap and plenty of water. If symptoms persist, call a physician.	ediately.
In case of eye contact	:	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 unconsciou	
4.2 Most important symptoms an	nd (effects, both acute and delayed	
Symptoms	:	Allergic reactions See Section 11 for more detailed information o and symptoms.	n health effects
Risks	:	sensitising effects	
		May cause an allergic skin reaction.	
4.3 Indication of any immediate n	ne	dical attention and special treatment needed	
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/ ide/sand/foam/alcohol resistant foam/chemical	

5.2 Special hazards arising from the substance or mixture

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

extinction.

5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Standard procedure for chemical fires.



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

- Environmental precautions :
- : Do not flush into surface water or sanitary sewer system. 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	:	Soak up with inert absorbent material (e.g. sand, silica gel,
		acid binder, universal binder, sawdust).
		Keep in suitable, closed containers for disposal.

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. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products 		
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.		
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 storage, including any incompatibilities				

Requirements for storage	:	Keep container tightly closed in a dry and well-ventilated
areas and containers		place. Containers which are opened must be carefully re-

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		sealed and kept upright to prevent leakage. ance with local regulations.	. Store in accord-
Further information on stor- age stability	:	No decomposition if stored and applied as	directed.
7.3 Specific end use(s) Specific use(s)	:	Consult most current local Product Data Sh use.	leet prior to any

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 *
2,2',2"-nitrilotriethanol	102-71-6	OELV - 8 hrs (TWA)	5 mg/m3	IE OEL
2,2'-iminodiethanol	111-42-2	OELV - 8 hrs (TWA) (Inhalable fraction and va- pour)	1 mg/m3	IE OEL
triisobutyl phosphate	126-71-6	OELV - 8 hrs (TWA)	5 mg/m3	IE OEL

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

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

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,



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	long-sleeved working clothing, long trousers). R and protective boots are additionaly recommen and stirring work.	
Respiratory protection :	In case of inadequate ventilation wear respirator Respirator selection must be based on known of exposure levels, the hazards of the product and ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 Ensure adequate ventilation. This can be achie exhaust extraction or by general ventilation. (EN ods for determining inhalation exposure). This a ticular to the mixing / stirring area. In case this i to keep the concentrations under the occupatio limits then respiration protection measures must	ppm ved by local N 689 - Meth- applies in par- s not sufficent nal exposure
Environmental exposure conti	rols	
General advice	 Do not flush into surface water or sanitary sewer If the product contaminates rivers and lakes or respective authorities. 	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

-	Physical state Colour	:	liquid brown
	Odour	:	characteristic
	Melting point/ range / Freez- ing point	:	No data available
	Boiling point/boiling range	:	No data available
	Flammability (solid, gas)	:	No data available
	Upper/lower flammability or e	exp	losive limits
	Upper explosion limit / Up- per flammability limit	•	
	Lower explosion limit / Lower flammability limit	:	No data available
	Flash point	:	Not applicable

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	ca. 8
Viscosity Viscosity, kinematic	:	< 20,5 mm2/s (40 °C)
Solubility(ies) Water solubility	:	soluble
Partition coefficient: n- octanol/water	:	No data available
Vapour pressure	:	23 hPa
Density	:	ca. 1,16 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 : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : No data available

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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.

Components:

2-octyl-2H-isothiazole-3-one (OIT):

Acute oral toxicity	:	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
Acute inhalation toxicity	:	Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
Acute dermal toxicity	:	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

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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

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.

SECTION 12: Ecological information

12.1 Toxicity

Components:

2,2'-iminodiethanol:		
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 55 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 75 mg/l Exposure time: 72 h
triisobutyl phosphate:		
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 11 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	IC50 (Desmodesmus subspicatus (green algae)): 34,1 mg/l Exposure time: 72 h
2-octyl-2H-isothiazole-3-one	e (U	ni):
M-Factor (Acute aquatic tox- icity)	:	100
M-Factor (Chronic aquatic toxicity)	:	100

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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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.
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

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 protection and waste disposal legislation and any regional local authority requirements.
Avoid dispersal of spilled material and runoff and contact with

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soil, waterways, drains and sewers.

SECTION 14: Transport information 14.1 UN number or ID number ADR Not regulated as a dangerous good : IMDG Not regulated as a dangerous good ΙΑΤΑ Not regulated as a dangerous good 14.2 UN proper shipping name ADR : Not regulated as a dangerous good IMDG Not regulated as a dangerous good ΙΑΤΑ Not regulated as a dangerous good 14.3 Transport hazard class(es) ADR Not regulated as a dangerous good 2 IMDG Not regulated as a dangerous good 1 ΙΑΤΑ Not regulated as a dangerous good 14.4 Packing group ADR Not regulated as a dangerous good IMDG Not regulated as a dangerous good 2 IATA (Cargo) Not regulated as a dangerous good 1 Not regulated as a dangerous good IATA (Passenger) 14.5 Environmental hazards Not regulated as a dangerous good 14.6 Special precautions for user Not applicable 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

- International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors
 - REACH Information:

All substances contained in our Products are - registered by our upstream suppliers, and/or

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	 registered by us, and excluded from the re exempted from the re 	gula	ation, and/or	
REACH - Restrictions on the mar the market and use of certain dar mixtures and articles (Annex XVII	ngerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3	
			Number on list 75:	
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the components are listed (=> 0.1 %).	
REACH - List of substances subje (Annex XIV)	ect to authorisation	:	Not applicable	
Regulation (EC) on substances th layer	nat deplete the ozone	:	Not applicable	
Regulation (EU) 2019/1021 on pe tants (recast)	Regulation (EU) 2019/1021 on persistent organic pollu- : Not applicable tants (recast)			
Regulation (EU) No 649/2012 of the European Parlia- : Not applicable ment and the Council concerning the export and import of dangerous chemicals				
Seveso III: Directive 2012/18/EU jor-accident hazards involving da		nen	nt and of the Council on the control of ma-	
Volatile organic compounds :	Law on the incentive t (VOCV) no VOC duties	ax f	for volatile organic compounds	
	emissions (integrated	poll	24 November 2010 on industrial lution prevention and control) nds (VOC) content: 0,04% w/w	
If other regulatory information app Sheet, then it is described in this		prov	vided elsewhere in the Safety Data	
Health, safety and environ- :			Act 1990 & Subsidiary Regulations	

Health and Safety at Work Act 1974 & Subsidiary Regulations

mental regulation/legislation

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specific for the substance or mixture:	Control of Substances Hazardous to Hea (COSHH)	alth 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.

SECTION 16: Other information

Full text of H-Statements

H301 H302 H311 H314 H315 H317 H318 H330 H361fd H373	· · · · · · · · · · · · · · · · · · ·	Toxic if swallowed. Harmful if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated			
H400 H410	:	exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.			
Full text of other abbreviations					
Acute Tox. Aquatic Acute Aquatic Chronic Eye Dam. Repr. Skin Corr. Skin Corr. Skin Irrit. Skin Sens. STOT RE IE OEL		Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Reproductive toxicity Skin corrosion Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Ireland. List of Chemical Agents and Carcinogens with Occu- pational Exposure Limit Values - Code of Practice, Schedule 1 and 2			
IE OEL / OELV - 8 hrs (TWA) ADR CAS DNEL EC50 GHS IATA IMDG LD50		Occupational exposure limit value (8-hour reference period) European Agreement concerning the International Carriage of Dangerous Goods by Road Chemical Abstracts Service Derived no-effect level Half maximal effective concentration Globally Harmonized System International Air Transport Association International Maritime Code for Dangerous Goods Median lethal dosis (the amount of a material, given all at			
		once, which causes the death of 50% (one half) of a group of			

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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LC50	test animals) : Median lethal concentration (concentrat air that kills 50% of the test animals dur period)	
MARPOL	 International Convention for the Preven Ships, 1973 as modified by the Protoco 	
OEL PBT PNEC REACH	 Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration Regulation (EC) No 1907/2006 of the E and of the Council of 18 December 200 istration, Evaluation, Authorisation and 	uropean Parliament 6 concerning the Reg- Restriction of Chemi-
SVHC vPvB	cals (REACH), establishing a EuropeanSubstances of Very High ConcernVery persistent and very bioaccumulativ	0.1

Further information

Classification of the I	Classification procedure:	
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	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 !

IE / EN