

Safety Data Sheet according to (EC) No 1907/2006 as amended

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LOCTITE CR 6127 SB15

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

1.1. Product identifier

LOCTITE CR 6127 SB15

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

Intended use: assembly adhesive

1.3. Details of the supplier of the safety data sheet

Henkel Ltd Adhesives Wood Lane End

HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website https://mysds.henkel.com/index.html#/appSelection or www.henkel-adhesives.com.

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements

Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

Supplemental information Safety data sheet available on request.

2.3. Other hazards

None if used properly.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

Following substances are present in a concentration >= 0.1% and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in concentration ≥ the concentration limit that are assessed to be a PBT, vPvB or ED.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No. EC Number REACH-Reg No.	Concentration	Classification	Specific Conc. Limits, M- factors and ATEs	Add. Information
Reaction mass of 3-methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy 01-2119511174-52	1- 5 %	Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M acute = 1	

For full text of the H - statements and other abbreviations see section 16 "Other information". Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

5.2. Special hazards arising from the substance or mixture

In case of fire toxic gases can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

Danger of slipping on spilled product.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.

Store in a cool, dry place.

Store between 0°C and 32°C. (32°F and 90°F)

7.3. Specific end use(s)

assembly adhesive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for

Great Britain

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Aluminium hydroxide 21645-51-2 [DUST, RESPIRABLE DUST]		4	Time Weighted Average (TWA):		EH40 WEL
Aluminium hydroxide 21645-51-2 [DUST, INHALABLE DUST]		10	Time Weighted Average (TWA):		EH40 WEL
Zeolites 68989-22-0 [ALUMINIUM OXIDES, INHALABLE DUST]		10	Time Weighted Average (TWA):		EH40 WEL
Zeolites 68989-22-0 [ALUMINIUM OXIDES, RESPIRABLE DUST]		4	Time Weighted Average (TWA):		EH40 WEL

Occupational Exposure Limits

Valid for

Ireland

Ingredient [Regulated substance]	ppm	mg/m³	~ ~	Short term exposure limit category / Remarks	Regulatory list
Aluminium hydroxide 21645-51-2 [DUSTS NON-SPECIFIC]		4	Time Weighted Average (TWA):		IR_OEL
Aluminium hydroxide 21645-51-2 IDUSTS NON-SPECIFIC1		10	Time Weighted Average (TWA):		IR_OEL

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value	Value			Remarks
			mg/l	ppm	mg/kg	others	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	aqua (freshwater)		0,002 mg/l				
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	aqua (marine water)		0,0002 mg/l				
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	sediment (freshwater)				3,43 mg/kg		
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	sediment (marine water)				0,343 mg/kg		
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	Soil				0,68 mg/kg		
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	oral				267 mg/kg		

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	Workers	inhalation	Long term exposure - systemic effects		3,5 mg/m3	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	Workers	inhalation	Acute/short term exposure - systemic effects		28 mg/m3	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	Workers	dermal	Long term exposure - systemic effects		0,5 mg/kg	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	Workers	dermal	Acute/short term exposure - systemic effects		4 mg/kg	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	General population	inhalation	Long term exposure - systemic effects		0,875 mg/m3	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	General population	inhalation	Acute/short term exposure - systemic effects		7 mg/m3	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	General population	dermal	Long term exposure - systemic effects		0,25 mg/kg	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	General population	dermal	Acute/short term exposure - systemic effects		2 mg/kg	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	General population	oral	Long term exposure - systemic effects		0,25 mg/kg	
Reaction mass of 3-methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3-methylphenyl) phenyl phosphate, 3-methy	General population	oral	Acute/short term exposure - systemic effects		2 mg/kg	

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls: Ensure good ventilation/extraction.

Respiratory protection:

In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter (EN

This recommendation should be matched to local conditions.

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >= 1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >= 1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Protective goggles

Protective eye equipment should conform to EN166.

Skin protection:

Wear protective equipment.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

Use only personal protection that's CE-labelled according to Directive 89/686/EEC (Europe) or to Regulation No. 819 of 19 August 1994 (Norway), or equivalent.

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid
Delivery form liquid
Colour black
Odor little intrinsic

odour

Melting point Not applicable, Product is a liquid

Initial boiling point 234 °C (453.2 °F)

Flammability Currently under determination Explosive limits Currently under determination

Flash point 217,5 °C (423.5 °F)

Auto-ignition temperature Currently under determination
Decomposition temperature Currently under determination

pH Not applicable

Viscosity (kinematic) Currently under determination

Viscosity, dynamic 8.000 - 14.000 mPa.s TE1002-208; Viscosity by Brookfield

(Brookfield; Instrument: RVT; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 7;

Conc.: 100 % product)

Solubility (qualitative) Not miscible

(20 °C (68 °F); Solvent: Water)

Partition coefficient: n-octanol/water Not applicable

Mixture 0,67 mbar

Vapour pressure 0,67 mba

(50 °C (122 °F))

Vapour pressure 0,94 mbar

(55 °C (131 °F))

Density 1,46 - 1,56 g/cm3 no method

(20 °C (68 °F))

Relative vapour density: Currently under determination

Particle characteristics

Not applicable
Product is a liquid

9.2. Other information

Other information not applicable for this product

SECTION 10: Stability and reactivity

10.1. Reactivity

None if used for intended purpose.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

None if used for intended purpose.

10.5. Incompatible materials

None if used properly.

10.6. Hazardous decomposition products

No decomposition if used according to specifications.

SECTION 11: Toxicological information

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

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Species	Method
CAS-No.	type			
Reaction mass of 3-	LD50	> 6.050 mg/kg	rat	not specified
methylphenyl diphenyl				
phosphate, 4-				
methylphenyl diphenyl				
phosphate, bis(3-				
methylphenyl) phenyl				
phosphate, 3-methy				

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Species	Method
CAS-No.	type			
Reaction mass of 3-	LD50	> 2.000 mg/kg	rat	equivalent or similar to OECD Guideline 402 (Acute
methylphenyl diphenyl				Dermal Toxicity)
phosphate, 4-				
methylphenyl diphenyl				
phosphate, bis(3-				
methylphenyl) phenyl				
phosphate, 3-methy				

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Result	Exposure	Species	Method
CAS-No.		time		
Reaction mass of 3-	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
methylphenyl diphenyl				
phosphate, 4-				
methylphenyl diphenyl				
phosphate, bis(3-				
methylphenyl) phenyl				
phosphate, 3-methy				

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Result	Exposure	Species	Method
CAS-No.		time		
Reaction mass of 3-	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
methylphenyl diphenyl				, , , , , , , , , , , , , , , , , , ,
phosphate, 4-				
methylphenyl diphenyl				
phosphate, bis(3-				
* * ·				
methylphenyl) phenyl				
phosphate, 3-methy				

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	negative	in vitro mammalian chromosome aberration test	without		equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	positive	in vitro mammalian chromosome aberration test	with		equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	negative	intraperitoneal		mouse	EU Method B.12 (Mutagenicity

Carcinogenicity

No data available.

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances	Result / Value	Test type	Route of	Species	Method
CAS-No.			application		
Reaction mass of 3-	NOAEL P > 690 mg/kg	one-	oral: feed	rat	equivalent or similar to
methylphenyl diphenyl		generation			OECD Guideline 415 (One-
phosphate, 4-	NOAEL F1 690 mg/kg	study			Generation Reproduction
methylphenyl diphenyl					Toxicity Study)
phosphate, bis(3-					
methylphenyl) phenyl					
phosphate, 3-methy					

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	NOAEL 105 mg/kg	oral: feed	90 d continous	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Reaction mass of 3- methylphenyl diphenyl phosphate, 4- methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	NOAEL 117 mg/kg	oral: feed	90 d continous	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Aspiration hazard:

No data available.

11.2 Information on other hazards

not applicable

SECTION 12: Ecological information

General ecological information:

Do not empty into drains, soil or bodies of water.

12.1. Toxicity

Toxicity (Fish):

No data available.

Toxicity (Daphnia):

No data available.

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Exposure time	Species	Method
CAS-No.	type				
Reaction mass of 3-	NOEC	0,12 mg/l	21 d	Daphnia magna	OECD Guideline 202
methylphenyl diphenyl		_			(Daphnia sp. Chronic
phosphate, 4-methylphenyl					Immobilisation Test)
diphenyl phosphate, bis(3-					
methylphenyl) phenyl					
phosphate, 3-methy					

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Exposure time	Species	Method
CAS-No.	type				
Reaction mass of 3- methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	EC50	0,55 mg/l	72 h	not specified	EU Method C.3 (Algal Inhibition test)
Reaction mass of 3- methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	EC10	0,2 mg/l	72 h	not specified	EU Method C.3 (Algal Inhibition test)

Toxicity to microorganisms

No data available.

12.2. Persistence and degradability

Hazardous substances	Result	Test type	Degradability	Exposure	Method
CAS-No.				time	
Reaction mass of 3-	readily biodegradable	aerobic	75 %	28 d	OECD Guideline 301 C (Ready
methylphenyl diphenyl					Biodegradability: Modified MITI
phosphate, 4-methylphenyl					Test (I))
diphenyl phosphate, bis(3-					
methylphenyl) phenyl					
phosphate, 3-methy					

12.3. Bioaccumulative potential

Hazardous substances	Bioconcentratio	Exposure time	Temperature	Species	Method
CAS-No.	n factor (BCF)				
Reaction mass of 3-	> 100 - < 220	4 d	10 °C	not specified	OECD Guideline 305
methylphenyl diphenyl					(Bioconcentration: Flow-through
phosphate, 4-methylphenyl					Fish Test)
diphenyl phosphate, bis(3-					
methylphenyl) phenyl					
phosphate, 3-methy					

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Reaction mass of 3- methylphenyl diphenyl phosphate, 4-methylphenyl diphenyl phosphate, bis(3- methylphenyl) phenyl phosphate, 3-methy	4,5	22 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Reaction mass of 3-methylphenyl diphenyl	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very
phosphate, 4-methylphenyl diphenyl phosphate,	Bioaccumulative (vPvB) criteria.
bis(3-methylphenyl) phenyl phosphate, 3-methy	

12.6. Endocrine disrupting properties

not applicable

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09.

SECTION 14: Transport information

14.1. UN number or ID number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009):

Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):

Persistent organic pollutants (Regulation (EU) 2019/1021):

VOC content

O %

Not applicable

Not applicable

(2010/75/EU)

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

ED: Substance identified as having endocrine disrupting properties

EU OEL: Substance with a Union workplace exposure limit
EU EXPLD 1: Substance listed in Annex I, Reg (EC) No. 2019/1148
EU EXPLD 2 Substance listed in Annex II, Reg (EC) No. 2019/1148
SVHC: Substance of very high concern (REACH Candidate List)
PBT: Substance fulfilling persistent, bioaccumulative and toxic criteria

PBT/vPvB: Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very

bioaccumulative criteria

vPvB: Substance fulfilling very persistent and very bioaccumulative criteria

Further information:

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