

EVO-STIK 18149
Supersedes Date: 13-May-2020**Revision date** 23-Nov-2020
Revision Number 3.02**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier****Product Name** EVO-STIK 18149
Pure substance/mixture Mixture**1.2. Relevant identified uses of the substance or mixture and uses advised against****Recommended use** Industrial use.
Uses advised against None known**1.3. Details of the supplier of the safety data sheet****Company Name**Bostik Limited
Common Rd
ST16 3EH
Stafford UK
Tel: +44 (1785) 27 26 25
Fax: +44 (1785) 25 72 36**E-mail address** SDS.box-EU@bostik.com**1.4. Emergency telephone number****United Kingdom** +44 (1785) 272650
Ireland +353 (1) 8624900 (Monday- Friday 9am-5pm)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Carcinogenicity	Category 2 - (H351)
Specific target organ toxicity (single exposure)	Category 3 - (H336)

2.2. Label Elements

Contains: Methylene chloride, Acetone, Ethyl acetate

**Signal word**

Warning

Hazard statementsH315 - Causes skin irritation.
H319 - Causes serious eye irritation.

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H336 - May cause drowsiness or dizziness.

H351 - Suspected of causing cancer.

Precautionary statements

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P201 - Obtain special instructions before use.

P261 - Avoid breathing vapours.

P280 - Wear protective gloves and eye/face protection.

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

P501 - Dispose of contents/ container to an approved waste disposal plant.

Additional information

This product requires tactile warnings if supplied to the general public.

2.3. Other Hazards

In use may form flammable/explosive vapour-air mixture

PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No.	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Methylene chloride	200-838-9	75-09-2	40 - <80	STOT SE 3 (H336) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Carc. 2 (H351)		01-2119480404-41-XXXX
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics	918-481-9	RR-113412-9	1 - <3	Asp. Tox. 1 (H304) (EUH066)		01-2119457273-39-XXXX
Acetone	200-662-2	67-64-1	1 - <3	Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225)		01-2119471330-49-XXXX
Ethyl acetate	205-500-4	141-78-6	1 - <3	Eye Irrit. 2 (H319)		01-2119475103-46-XXXX

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				STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)		
2,2-Methylenebis(4-methyl-6-tert-butylphenol)	204-327-1	119-47-1	0.1 - <1	Repr. 2 (H361f)		01-2119496065-33-XXXX

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.
Inhalation	IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

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

Symptoms	May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Full water jet. Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

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Specific hazards arising from the chemical Thermal decomposition can lead to release of toxic and corrosive gases/vapours.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Hydrogen chloride.

5.3. Advice for firefighters

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for containment Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid breathing vapours or mists. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific Use(s)
Industrial use.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

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Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Ireland	United Kingdom
Methylene chloride 75-09-2	-	TWA: 100 ppm TWA: 353 mg/m ³ STEL: 200 ppm STEL: 706 mg/m ³ Sk*	TWA: 353 mg/m ³ TWA: 100 ppm STEL: 200 ppm STEL: 706 mg/m ³ Sk*
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	-	-	Vapour RCP-TWA 1200 mg/m ³ 184 ppm Total hydrocarbons (ExxonMobil)
Acetone 67-64-1	TWA: 500 ppm TWA: 1210 mg/m ³	TWA: 500 ppm TWA: 1210 mg/m ³ STEL: 1500 ppm STEL: 3630 mg/m ³	TWA: 500 ppm TWA: 1210 mg/m ³ STEL: 1500 ppm STEL: 3620 mg/m ³
Ethyl acetate 141-78-6	-	TWA: 734 mg/m ³ TWA: 200 ppm STEL: 1468 mg/m ³ STEL: 400 ppm	TWA: 734 mg/m ³ TWA: 200 ppm STEL: 1468 mg/m ³ STEL: 400 ppm

Chemical name	European Union	Ireland	United Kingdom
Methylene chloride 75-09-2	-	-	30 ppm end-tidal breath
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	-	-	1200 mg/m ³ 171ppm 8h TWA

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)

Methylene chloride (75-09-2)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Short term Systemic health effects	Inhalation	706 mg/m ³	
worker Long term Systemic health effects	Dermal	4750 mg/kg bw/d	
worker Long term Systemic health effects	Inhalation	353 mg/m ³	

Acetone (67-64-1)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Long term Systemic health effects worker	Dermal	186 mg/kg bw/d	
Short term Local health effects worker	Inhalation	2420 mg/m ³	
Long term Systemic health effects	Inhalation	1210 mg/m ³	

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worker			
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Ethyl acetate (141-78-6)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Dermal	63 mg/kg bw/d	
worker Short term Systemic health effects	Inhalation	1468 mg/m ³	
worker Long term Local health effects	Inhalation	734 mg/m ³	
worker Short term Local health effects	Inhalation	1468 mg/m ³	
worker Long term Systemic health effects	Inhalation	734 mg/m ³	

2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Short term Systemic health effects	Inhalation	22.4 mg/m ³	
worker Long term Systemic health effects	Inhalation	4.48 mg/m ³	
worker Short term Systemic health effects	Dermal	3.175 mg/kg bw/d	
worker Long term Systemic health effects	Dermal	0.635 mg/kg bw/d	

Derived No Effect Level (DNEL)

Methylene chloride (75-09-2)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Short term Systemic health effects	Inhalation	353 mg/m ³	
Consumer Long term Systemic health effects	Dermal	2395 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	0.06 mg/kg bw/d	
Consumer Long term Systemic health effects	Inhalation	88.3 mg/m ³	

Acetone (67-64-1)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	200 mg/m ³	

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Consumer Long term Systemic health effects	Dermal	62 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	62 mg/kg bw/d	

Ethyl acetate (141-78-6)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Oral	4.5 mg/kg bw/d	
Consumer Long term Systemic health effects	Dermal	37 mg/kg bw/d	
Consumer Short term Systemic health effects	Inhalation	734 mg/m ³	
Consumer Long term Local health effects	Inhalation	367 mg/m ³	
Consumer Short term Local health effects	Inhalation	734 mg/m ³	
Consumer Long term Systemic health effects	Inhalation	367 mg/m ³	

2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Short term Systemic health effects	Oral Dermal	1.59 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral Dermal	0.318 mg/kg bw/d	
Consumer Short term Systemic health effects	Inhalation	5.5 mg/m ³	
Consumer Long term Systemic health effects	Inhalation	1.1 mg/m ³	

Predicted No Effect Concentration (PNEC) No information available.

Predicted No Effect Concentration (PNEC)

Methylene chloride (75-09-2)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.54 mg/l
Freshwater sediment	4.47 mg/kg dry weight
Marine water	0.194 mg/l
Marine sediment	1.61 mg/kg dry weight
Soil	0.583 mg/kg dry weight

Acetone (67-64-1)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	10.6 mg/l
Freshwater - intermittent	21 mg/l

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Marine water	1.06 mg/l
Microorganisms in sewage treatment	100 mg/l
Freshwater sediment	30.4 mg/kg dry weight
Marine water	3.04 mg/kg dry weight
Soil	29.5 mg/kg dry weight

Ethyl acetate (141-78-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.26 mg/l
Marine water	0.026 mg/l
Freshwater sediment	1.25 mg/kg
Marine sediment	0.125 mg/kg
Soil	0.24 mg/kg
Microorganisms in sewage treatment	650 mg/l

2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Soil	20 mg/kg dry weight
Sewage treatment plant	100 mg/l
Freshwater sediment	102 mg/kg dry weight
Marine sediment	10.2 mg/kg dry weight
Marine water	0.68 µg/l
Freshwater	6.8 µg/l

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

Personal Protective Equipment

Eye/face protection

Tight sealing safety goggles. Face protection shield.

Hand protection

Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature.

Skin and body protection

Wear appropriate personal protective clothing to prevent skin contact.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Recommended filter type:

Organic gases and vapours filter conforming to EN 14387.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Clear, colourless to yellow
Odour	Sweet
Odour threshold	No information available

Property	Values	Remarks • Method
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids .	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive	No data available	

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limits

Vapour pressure	No data available
Relative vapour density	No data available
Relative density	1.1
Water solubility	Slightly soluble
Solubility(ies)	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	approx 350 mPa s
Explosive properties	No data available
Oxidising properties	No data available

9.2. Other information

Solid content (%)	approx 35
VOC Content (%)	No information available
Density	No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information .

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Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Causes skin irritation. (based on components). Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 20,032.30 mg/kg
 ATEmix (inhalation-dust/mist) 120.80 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methylene chloride 75-09-2	=2136 mg/kg (Rattus)	>2000 mg/Kg (Rattus) (OECD 402)	=53 mg/L (Rattus) 6 h = 76000 mg/m ³ (Rattus) 4 h
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	DL50 >5000 mg/kg (Rattus)	DL50 >2000 mg/kg (Oryctolagus cuniculus)	LC50 (8h) >5000 mg/m ³ Rat - Vapours
Acetone 67-64-1	=5800 mg/kg (Rattus)	>15800 mg/Kg (Rattus)	=79 mg/l(Rattus) 4 h
Ethyl acetate 141-78-6	=5620 mg/kg (Rattus)	> 18000 mg/kg (Oryctolagus cuniculus) > 20 mL/kg (Oryctolagus cuniculus)	LC0 29.3 mg/l air
2,2-Methylenebis(4-methyl-6-tert-butylphenol) 119-47-1	>10000 mg/kg (Rattus)	> 10000 mg/kg (Oryctolagus cuniculus)	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation.

Component Information					
2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal		4 hours	Product score 0

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Component Information					
2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)					

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Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye			Product score 0 Opacity

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Component Information			
Acetone (67-64-1)			
2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)			
Method	Species	Exposure route	Results
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse	Dermal	Not a skin sensitiser

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Component Information		
2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)		
Method	Species	Results
OECD Test No. 471: Bacterial Reverse Mutation Test	in vitro	Not mutagenic

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients.

Chemical name	European Union
Methylene chloride 75-09-2	Carc. 2

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component Information		
Methylene chloride (75-09-2)		
Method	Species	Results
OECD 453	Rat	Carcinogenic

Reproductive toxicity Based on available data, the classification criteria are not met.

Component Information		
2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)		
Method	Species	Results
OECD Test No. 421: Reproduction/Developmental Toxicity Screening Test	Rat	LOAEL Testicular damage in animals

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Methylene chloride 75-09-2	EC50: >500mg/L (72h, Pseudokirchneri ella subcapitata) EC50: >500mg/L (96h, Pseudokirchneri ella subcapitata)	LC50: =193mg/L (96h, Lepomis macrochirus) LC50: 140.8 - 277.8mg/L (96h, Pimephales promelas) LC50: 262 - 855mg/L (96h, Pimephales promelas)	-	EC50: =190mg/L (48h, Daphnia magna) EC50: 1532 - 1847mg/L (48h, Daphnia magna)		
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	LEO (72h) =1000 mg/L Algae (Pseudokirchner iella subcapitata)	LLO (96h) =1000 mg/L (Oncorhynchus mykiss)	-	LEO (48h) =1000 mg/L (Daphnia magna)		
Acetone 67-64-1	-	LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss)	EC50 = 14500 mg/L 15 min	EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static)		
Ethyl acetate 141-78-6	EC50: =3300mg/L (48h, Desmodosmus subspicatus)	LC50: =484mg/L (96h, Oncorhynchus mykiss) LC50: 352 - 500mg/L (96h, Oncorhynchus mykiss) LC50: 220 - 250mg/L (96h, Pimephales promelas)	EC50 = 1180 mg/L 5 min EC50 = 1500 mg/L 15 min EC50 = 5870 mg/L 15 min EC50 = 7400 mg/L 2 h	EC50: =560mg/L (48h, Daphnia magna)		
2,2-Methylenebis(4-met hyl-6-tert-butylphenol) 119-47-1	-	LD50 (96h) >5mg/L	-	-		

12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information

Acetone (67-64-1)

Method	Exposure time	Value	Results
	28 days	biodegradation	91 % Readily biodegradable

2,2-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)

Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	28 days		0 % Not readily biodegradable

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12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Methylene chloride 75-09-2	1.25	40
Acetone 67-64-1	-0.24	0.69
Ethyl acetate 141-78-6	0.6	30
2,2-Methylenebis(4-methyl-6-tert-butylphenol) 119-47-1	>3.6	840

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The components in this formulation do not meet the criteria for classification as PBT or vPvB. .

Chemical name	PBT and vPvB assessment
Methylene chloride 75-09-2	The substance is not PBT / vPvB
Hydrocarbons, C10-C13, alkanes, isoalkanes, cyclics, <2% aromatics RR-113412-9	The substance is not PBT / vPvB
Acetone 67-64-1	The substance is not PBT / vPvB
Ethyl acetate 141-78-6	The substance is not PBT / vPvB PBT assessment does not apply
2,2-Methylenebis(4-methyl-6-tert-butylphenol) 119-47-1	The substance is not PBT / vPvB

12.6. Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Do not reuse empty containers. Handle contaminated packages in the same way as the product itself.

European Waste Catalogue 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
15 01 10*: Packaging containing residues of or contaminated by dangerous substances

Other information Waste codes should be assigned by the user based on the application for which the product was used.

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SECTION 14: Transport information

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

Land transport (ADR/RID)

14.1 UN number or ID number	UN1593
14.2 Proper Shipping Name	Dichloromethane
14.3 Transport hazard class(es)	6.1
Labels	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III, (E)
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	516
Classification code	T1
Tunnel restriction code	(E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	60

IMDG

14.1 UN number or ID number	UN1593
14.2 Proper Shipping Name	Dichloromethane
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III
14.5 Marine pollutant	NP
14.6 Special Provisions	None
Limited Quantity (LQ)	5 L
EmS-No	F-A, S-A
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number	UN1593
14.2 Proper Shipping Name	Dichloromethane
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None
Limited Quantity (LQ)	2 L
ERG Code	6L

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

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Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No	Restricted substance per REACH Annex XVII
Methylene chloride	75-09-2	59.

Dichloromethane (CAS 75-09-2) is restricted from being placed on the market for general public when used in paint strippers $\geq 0.1\%$. Further handling and use restrictions apply when used in industrial/professional paint stripping products.

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H351 - Suspected of causing cancer

H361f - Suspected of damaging fertility

Legend

TWA

TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling

Ceiling Limit Value

*

Skin designation

SVHC

Substance(s) of Very High Concern

PBT

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

vPvB

Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE

Specific target organ toxicity - Repeated exposure

STOT SE

Specific target organ toxicity - Single exposure

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EWC European Waste Catalogue

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision date 23-Nov-2020

Indication of changes

Revision note Not applicable.

Training Advice Provide adequate information, instruction, and training for operator

Further information No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet