

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

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

1.1 Product identifier

Trade name : MOBIHEL AirDry filler Activator

Product code : 480785

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

Use of the Sub-
stance/Mixture : Coatings and paints, thinners, paint removers

Recommended restrictions
on use : Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company : KANSAI HELIOS Slovenija d.o.o.
Količevo 65
1230 Domžale
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383
productsafety@kansai-helios.si

1.4 Emergency telephone number

Call 999 (or 112) for emergency medical attention

professionals only: National Poison Information Service (NPIS) 24h national number 0844 892
0111

consumer: National Health Service (NHS) 24h national number, England & Scotland 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK
SI 2019/720, and UK SI 2020/1567)**

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version
2.0

Revision Date:
07.02.2025

SDS Number:
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GB/EN

Date of last issue: 08.11.2021
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Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Skin corrosion, Sub-category 1B	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Germ cell mutagenicity, Category 2	H341: Suspected of causing genetic defects.
Reproductive toxicity, Category 1B	H360FD: May damage fertility. May damage the unborn child.
Specific target organ toxicity - single exposure, Category 2	H371: May cause damage to organs.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H225 Highly flammable liquid and vapour. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. H341 Suspected of causing genetic defects. H360FD May damage fertility. May damage the unborn child. H371 May cause damage to organs. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	:	Prevention: P201 Obtain special instructions before use. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe mist or vapours. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi-

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version
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	ately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P308 + P311	IF exposed or concerned: Call a POISON CENTER/ doctor.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

isobutyl acetate
1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane
dibutyltin dilaurate

Additional Labelling

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. Index-No. Registration number	Classification	Concentration (% w/w)
isobutyl acetate	110-19-0 203-745-1 607-026-00-7 01-2119488971-22	Flam. Liq. 2; H225 STOT SE 3; H336 (Central nervous system)	>= 50 - < 70
blocked cycloaliphatic diamine	54914-37-3 259-393-4 01-2119978283-28	Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317	>= 30 - < 50
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	2530-83-8 219-784-2 01-2119513212-58	Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 3 - < 10

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version 2.0 Revision Date: 07.02.2025 SDS Number: MAT000480785 GB/EN Date of last issue: 08.11.2021 Date of first issue: 08.11.2021

dibutyltin dilaurate	77-58-7 201-039-8 050-030-00-3 01-2119496068-27	Eye Irrit. 2; H319 Skin Sens. 1; H317 Muta. 2; H341 Repr. 1B; H360FD STOT SE 1; H370 STOT RE 1; H372 (Immune system) Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2,5
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For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

4.2 Most important symptoms and effects, both acute and delayed

Risks : May cause an allergic skin reaction.
Causes serious eye damage.
May cause drowsiness or dizziness.
Suspected of causing genetic defects.
May damage fertility. May damage the unborn child.
May cause damage to organs.
May cause damage to organs through prolonged or repeated exposure.
Causes severe burns.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
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

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to 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.

Advice on protection against : Do not spray on a naked flame or any incandescent material.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version 2.0 Revision Date: 07.02.2025 SDS Number: MAT000480785 GB/EN Date of last issue: 08.11.2021
Date of first issue: 08.11.2021

fire and explosion Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : 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 areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data sheet.

Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
isobutyl acetate	110-19-0	TWA	150 ppm 724 mg/m ³	GB EH40
		STEL	187 ppm 903 mg/m ³	GB EH40
		TWA	50 ppm 241 mg/m ³	2019/1831/E U
	Further information: Indicative			
		STEL	150 ppm 723 mg/m ³	2019/1831/E U
	Further information: Indicative			
dibutyltin dilaurate	77-58-7	TWA	0,1 mg/m ³ (Tin)	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	0,2 mg/m ³	GB EH40

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version
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Revision Date:
07.02.2025

SDS Number:
MAT000480785
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Date of last issue: 08.11.2021
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	(Tin)
Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

Derived No Effect Level (DNEL):

according to Regulation (EC) No. 1907/2006

Substance name	End Use	Exposure routes	Potential health effects	Value
isobutyl acetate	Workers	Inhalation	Long-term systemic effects	300 mg/m ³
	Workers	Inhalation	Acute systemic effects	600 mg/m ³
	Workers	Inhalation	Long-term local effects	300 mg/m ³
	Workers	Inhalation	Acute local effects	600 mg/m ³
	Consumers	Inhalation	Long-term systemic effects	35,7 mg/m ³
	Consumers	Inhalation	Long-term local effects	35,7 mg/m ³
	Consumers	Inhalation	Acute local effects	300 mg/m ³
	Workers	Dermal	Long-term systemic effects	10 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	5 mg/kg bw/day
	Workers	Dermal	Acute systemic effects	10 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	5 mg/kg bw/day
	Consumers	Dermal	Acute systemic effects	5 mg/kg bw/day
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	Consumers	Oral	Long-term systemic effects	5 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	147 mg/m ³
	Workers	Dermal	Long-term systemic effects	21 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	12,5 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	12,5 mg/kg bw/day
	dibutyltin dilaurate	Workers	Inhalation	Long-term systemic effects
Consumers		Inhalation	Long-term systemic effects	0,0046 mg/m ³
Consumers		Inhalation	Acute systemic effects	0,04 mg/m ³

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version
2.0

Revision Date:
07.02.2025

SDS Number:
MAT000480785
GB/EN

Date of last issue: 08.11.2021
Date of first issue: 08.11.2021

	Workers	Dermal	Long-term systemic effects	0,43 mg/kg bw/day
	Workers	Dermal	Acute systemic effects	2,08 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	0,16 mg/kg bw/day
	Consumers	Dermal	Acute systemic effects	0,5 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	0,0031 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	0,02 mg/kg bw/day

Predicted No Effect Concentration (PNEC):

according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
isobutyl acetate	Soil	0,0755 mg/kg dry weight (d.w.)
	Marine water	0,017 mg/l
	Fresh water	0,17 mg/l
	Marine sediment	0,0877 mg/kg dry weight (d.w.)
	Fresh water sediment	0,877 mg/kg dry weight (d.w.)
	Sewage treatment plant	200 mg/l
	Intermittent use/release	0,34 mg/l
1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine	Marine water	0,00147 mg/l
	Fresh water	0,0147 mg/l
	Sewage treatment plant	3,04 mg/l
	Intermittent use/release	0,147 mg/l
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	Soil	0,14 mg/kg dry weight (d.w.)
	Marine water	0,1 mg/l
	Fresh water	1 mg/l
	Marine sediment	0,36 mg/kg dry weight (d.w.)
	Fresh water sediment	3,6 mg/kg dry weight (d.w.)
	Sewage treatment plant	10 mg/l
dibutyltin dilaurate	Intermittent use/release	1 mg/l
	Fresh water	0,000463 mg/l
	Sewage treatment plant	100 mg/l
	Intermittent use/release	0,00463 mg/l

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	07.02.2025	MAT000480785 GB/EN	08.11.2021 08.11.2021

8.2 Exposure controls

Personal protective equipment

Eye/face protection	:	Equipment should conform to EN 166 Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Hand protection	:	
Gloves	:	Viton® (> 0,6 mm; < 240 min); ISO EN374 PE laminate (> 0,1 mm; < 240 min); ISO EN374
Remarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Skin and body protection	:	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Respiratory protection	:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 14387
Filter type	:	Organic vapour type (A)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Colour	:	colourless
Odour	:	solvent-like
Odour Threshold	:	No data available
pH	:	Not applicable
Melting point/freezing point	:	-98,8 °C (calculation method (principal components, lowest value))
Boiling point/boiling range	:	117 °C (calculation method (principal components, lowest value))
Flash point	:	17 °C Method: ISO 3679, closed cup
Evaporation rate	:	No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

Flammability (solid, gas)	:	Static-accumulating flammable liquid., Combustible Solids
Upper explosion limit / Upper flammability limit	:	10,5 %(V) (calculation method (principal components, highest value))
Lower explosion limit / Lower flammability limit	:	1,3 %(V) (calculation method (principal components, highest value))
Vapour pressure	:	18 hPa (calculation method (principal components, highest value)) (20 °C)
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	0,886 g/cm ³
Solubility(ies)	:	
Water solubility	:	immiscible, partly soluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	log Pow: 1,72 (calculation method (principal components, highest value))
Ignition temperature	:	423 °C (calculation method (principal components, highest value))
Decomposition temperature	:	No decomposition if used as directed. Hazardous decomposition products formed under fire conditions.
Viscosity	:	
Viscosity, kinematic	:	< 20,5 mm ² /s (40 °C)
Explosive properties	:	Not applicable
Oxidizing properties	:	Sustains combustion

9.2 Other information

No data available	:	
VOC	:	(Directive 2010/75/EU of 24 November 2010 on industrial

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

emissions (integrated pollution prevention and control)
59,9 %

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Incompatible with strong acids and bases.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.
Not classified due to lack of data.

Skin corrosion/irritation

Causes severe burns.
Causes severe burns.

Product:

Remarks : Extremely corrosive and destructive to tissue.

Components:

1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine:

Result : Corrosive after 3 minutes to 1 hour of exposure

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version
2.0

Revision Date:
07.02.2025

SDS Number:
MAT000480785
GB/EN

Date of last issue: 08.11.2021
Date of first issue: 08.11.2021

Serious eye damage/eye irritation

Causes serious eye damage.
Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Result : Corrosive

dibutyltin dilaurate:

Result : Eye irritation

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Remarks : Causes sensitisation.

Components:

1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine:

Result : Probability or evidence of skin sensitisation in humans

dibutyltin dilaurate:

Result : Probability or evidence of skin sensitisation in humans

Germ cell mutagenicity

Suspected of causing genetic defects.
Suspected of causing genetic defects.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

Components:

dibutyltin dilaurate:

Germ cell mutagenicity- Assessment : In vitro tests showed mutagenic effects

Carcinogenicity

Not classified based on available information.
Not classified due to lack of data.

Reproductive toxicity

May damage fertility. May damage the unborn child.
May damage fertility. May damage the unborn child.

Components:

dibutyltin dilaurate:

Reproductive toxicity - Assessment : Clear evidence of adverse effects on sexual function and fertility ,and/or on development, based on animal experiments

STOT - single exposure

May cause drowsiness or dizziness.
May cause damage to organs.
May cause drowsiness or dizziness.
May cause damage to organs.

Components:

isobutyl acetate:

Assessment : May cause drowsiness or dizziness.

dibutyltin dilaurate:

Assessment : Causes damage to organs.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure.

Components:

dibutyltin dilaurate:

Assessment : Causes damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.
Not classified due to lack of data.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

Further information

Product:

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Concentrations substantially above the TLV value may cause narcotic effects.
Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

Components:

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 55 mg/l
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 350 mg/l
Exposure time: 96 h

Toxicity to microorganisms : EC50 (activated sludge): > 100 mg/l
Exposure time: 3 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 100 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)

dibutyltin dilaurate:

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity :

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data available

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

12.3 Bioaccumulative potential

Components:

isobutyl acetate:

Partition coefficient: n-octanol/water : log Pow: 1,72

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 Other adverse effects

Product:

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).
Additional ecological information : 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 product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version 2.0 Revision Date: 07.02.2025 SDS Number: MAT000480785 GB/EN Date of last issue: 08.11.2021
Date of first issue: 08.11.2021

ADR : UN 3469
RID : UN 3469
IMDG : UN 3469
IATA : UN 3469

14.2 UN proper shipping name

ADR : PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE
RID : PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE
IMDG : PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE
IATA : Paint related material, flammable, corrosive

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADR	: 3	8
RID	: 3	8
IMDG	: 3	8
IATA	: 3	8

14.4 Packing group

ADR
Packing group : II
Classification Code : FC
Hazard Identification Number : 338
Labels : 3 (8)
Tunnel restriction code : (D/E)

RID
Packing group : II
Classification Code : FC
Hazard Identification Number : 338
Labels : 3 (8)

IMDG
Packing group : II
Labels : 3 (8)
EmS Code : F-E, S-C

IATA (Cargo)
Packing instruction (cargo aircraft) : 363
Packing group : II
Labels : Flammable Liquids, Corrosive

IATA (Passenger)
Packing instruction (passen- : 352

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue:
2.0	07.02.2025	MAT000480785 GB/EN	08.11.2021 Date of first issue: 08.11.2021

ger aircraft)
Packing group : II
Labels : Flammable Liquids, Corrosive

14.5 Environmental hazards

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the following entries should be considered: Number on list 3 dibutyltin dilaurate (Number on list 30)
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 Britain)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	:	dibutyltin dilaurate
Control of Major Accident Hazards Regulations 2015 (COMAH)	P5c	FLAMMABLE LIQUIDS

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Volatile organic compounds (VOC) content: 59,9 %

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785	Date of first issue: 08.11.2021
		GB/EN	

94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

H225	: Highly flammable liquid and vapour.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H336	: May cause drowsiness or dizziness.
H341	: Suspected of causing genetic defects.
H360FD	: May damage fertility. May damage the unborn child.
H370	: Causes damage to organs.
H372	: Causes damage to organs through prolonged or repeated exposure.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Muta.	: Germ cell mutagenicity
Repr.	: Reproductive toxicity
Skin Corr.	: Skin corrosion
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
2019/1831/EU	: Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
2019/1831/EU / TWA	: Limit Value - eight hours
2019/1831/EU / 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)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version	Revision Date:	SDS Number:	Date of last issue: 08.11.2021
2.0	07.02.2025	MAT000480785 GB/EN	Date of first issue: 08.11.2021

associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Classification procedure:

Flam. Liq. 2	H225	Based on product data or assessment
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
Muta. 2	H341	Calculation method
Repr. 1B	H360FD	Calculation method
STOT SE 2	H371	Calculation method
STOT SE 3	H336	Calculation method
STOT RE 2	H373	Calculation method
Aquatic Chronic 3	H412	Calculation method

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

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



MOBIHEL AirDry filler Activator

Version
2.0

Revision Date:
07.02.2025

SDS Number:
MAT000480785
GB/EN

Date of last issue: 08.11.2021
Date of first issue: 08.11.2021

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.