

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by
Regulation(EU) No. 2020/878

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

1.1 Product identifier

Product name: SS4044P

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

Identified uses: Professional Industrial

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information : Momentive Performance Materials GmbH
Chempark Leverkusen Gebaeude V7
DE - 51368 Leverkusen
Germany

Contact person : commercial.services@momentive.com

Telephone : General information
+390510924300 (Customer Service Centre)

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Emergency telephone number : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44
(0) 1235239671

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Physical Hazards

Flammable liquids	Category 2	H225: Highly flammable liquid and vapor.
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Health Hazards

Skin irritation	Category 2	H315: Causes skin irritation.
Serious eye irritation	Category 2	H319: Causes serious eye irritation.
Specific Target Organ Toxicity - Single Exposure	Category 3	H336: May cause drowsiness or dizziness. H335: May cause respiratory irritation.
Specific Target Organ Toxicity - Repeated Exposure	Category 2 ¹ .	H373: May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways.

Target Organs

SS4044P

1. Liver, Kidney

2.2 Label Elements

Contains:

Acetone
2-Propanol
Xylene
Ethylbenzene
Tetraethyl Silicate



Signal Words:

Danger

Hazard Statement(s):

H225: Highly flammable liquid and vapor.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H373: May cause damage to organs through prolonged or repeated exposure.
H304: May be fatal if swallowed and enters airways.

Precautionary Statements

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof electrical, ventilating and lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P362+P364: Take off contaminated clothing and wash it before reuse.
P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.
P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Supplemental label information

EUH066: Repeated exposure may cause skin dryness or cracking.

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Unknown toxicity - Health

Acute toxicity, oral	0 %
Acute toxicity, dermal	0 %
Acute toxicity, inhalation, vapor	0 %
Acute toxicity, inhalation, dust or mist	0 %

Additional Information: No data available.

2.3 Other hazards
Endocrine disrupting properties-Toxicity

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.

Endocrine disrupting properties-Ecotoxicity

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

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Acetone	20 - <50%	67-64-1	200-662-2	01-2119471330-49-XXXX	Not applicable	#
2-Propanol	20 - <50%	67-63-0	200-661-7	01-2119457558-25-XXXX	Not applicable	
Xylene	10 - <20%	1330-20-7	215-535-7	01-2119488216-32-XXXX	Not applicable	#
Ethylbenzene	5 - <10%	100-41-4	202-849-4	01-2119489370-35-XXXX	Not applicable	#
Tetraethyl Silicate	1 - <5%	78-10-4	201-083-8	01-2119496195-28-XXXX	Not applicable	#
n-BUTANOL	1 - <3%	71-36-3	200-751-6	01-2119484630-	Not	#

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				38-XXXX	applicable	
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* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification

Chemical name	Classification	Notes
Acetone	Classification: Flam. Liq.: 2: H225; Eye Irrit.: 2: H319; STOT SE: 3: H336; Specific concentration limit: None known.	No data available.
2-Propanol	Classification: Flam. Liq.: 2: H225; Eye Irrit.: 2: H319; STOT SE: 3: H336; No data available. Specific concentration limit: None known.	No data available.
Xylene	Classification: Flam. Liq.: 3: H226; Acute Tox.: 4: H312; Acute Tox.: 4: H332; Skin Corr.: 2: H315; Eye Dam.: 2: H319; STOT SE: 3: H335; STOT RE: 2: H373; Asp. Tox.: 1: H304; No data available. Specific concentration limit: None known.	Note CNote C
Ethylbenzene	Classification: Flam. Liq.: 2: H225; STOT RE: 2: H373; Asp. Tox.: 1: H304; Acute Tox.: 4: H332; Aquatic Chronic: 3: H412; Specific concentration limit: None known.	No data available. No data available.
Tetraethyl Silicate	Classification: Flam. Liq.: 3: H226; Acute Tox.: 4: H332; Eye Dam.: 2: H319; STOT SE: 3: H335; No data available. Specific concentration limit: None known.	No data available.
n-BUTANOL	Classification: Flam. Liq.: 3: H226; Acute Tox.: 4: H302; Skin Corr.: 2: H315; Eye Dam.: 1: H318; STOT SE: 3: H335; STOT SE: 3: H336; Specific concentration limit: None known.	No data available.

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur.

4.1 Description of first aid measures

Inhalation: Move to fresh air. Get medical attention if symptoms occur.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention. Wash contaminated clothing before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed: Itching Redness

4.3 Indication of any immediate medical attention and special treatment needed

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Hazards:	This product is not expected to produce adverse effects under normal conditions of use and appropriate personal hygiene.
Treatment:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If swallowed, do NOT induce vomiting. Give a glass of water.

SECTION 5: Firefighting measures

General Fire Hazards:	Do not use water jet as an extinguisher, as this will spread the fire. Use water spray to keep fire-exposed containers cool.
5.1 Extinguishing media Suitable extinguishing media:	Alcohol resistant foam. Carbon dioxide Dry chemical.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
5.2 Special hazards arising from the substance or mixture:	Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Ground container and transfer equipment to eliminate static electric sparks.
5.3 Advice for firefighters Special fire-fighting procedures:	Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Product may charge electrostatically during pouring or filling. All equipment used when handling the product must be grounded.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Extinguish and do not turn on any ignition source until the area is determined to be free from fire or explosion hazards. Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment.
6.2 Environmental Precautions:	Avoid discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up:	Absorb spillage with suitable absorbent material. Shovel up and place in a container for salvage or disposal.
6.4 Reference to other sections:	Prevent entry into waterways, sewer, basements or confined areas.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling:	Do not breathe vapor/spray. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Wash hands after handling. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.
Storage conditions:	Keep away from heat, sparks and open flame. Keep container closed. Store in original container.

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7.2 Conditions for safe storage, including any incompatibilities: Store in tightly closed original container in a dry and cool place.

Storage Stability: Material is stable under normal conditions.

7.3 Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Acetone	TWA	500 ppm 1.210 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	500 ppm 1.210 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	1.000 ppm 2.420 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
Xylene	STEL	100 ppm 442 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	50 ppm 221 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	50 ppm 221 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	100 ppm 442 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
Ethylbenzene	TWA	100 ppm 442 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	STEL	200 ppm 884 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (12 2009)
	TWA	100 ppm 442 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
	STEL	200 ppm 884 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)
Tetraethyl Silicate	TWA	5 ppm 44 mg/m3	EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended (02 2017)
	TWA	5 ppm 44 mg/m3	EU. Scientific Committee on Occupational Exposure Limit Values (SCOELs), European Commission - SCOEL, as amended (2014)

Biological Limit Values

None.

DNEL-Values

Critical component	Type	Route of Exposure		Remarks
Tetraethyl Silicate	Workers	Dermal	12,1 mg/kg bw/day	

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		Inhalation	85 mg/m3	
			85 mg/m3	
		Dermal	12,1 mg/kg bw/day	
		Inhalation	85 mg/m3	
			85 mg/m3	
	Consumers	Dermal	8,4 mg/kg bw/day	
		Inhalation	25 mg/m3	
			25 mg/m3	
		Dermal	8,4 mg/kg bw/day	
		Inhalation	25 mg/m3	
			25 mg/m3	

PNEC-Values

Critical component	Environmental compartment		Remarks
Tetraethyl Silicate	Water	0,192 mg/l	
	Seawater	0,0192 mg/l	
	Intermittent release	10 mg/l	
	Sediment	0,18 mg/kg	Derived from PNEC(freshwater) using the equilibrium partitioning method.
	soil	0,05 mg/kg	Derived from PNEC(freshwater) using the equilibrium partitioning method.
	Sewage treatment plant	4000 mg/l	

8.2 Exposure controls

Appropriate Engineering Controls:

Ensure adequate ventilation, especially in confined areas. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

General information:

Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after handling. Practice good housekeeping.

Eye/face protection:

Safety glasses with side-shields conforming to EN166

Skin protection

Hand Protection:

Advice: Nitrile rubber.

Other:

Wear suitable protective clothing and eye/face protection.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Combination filtering device (EN 14387) Respiratory protection mask with Filtertype ABEK

Hygiene measures:

Avoid contact with eyes. When using do not smoke. Wash thoroughly after handling.

Environmental exposure controls:

No release to wastewater from process as such, wastewater emissions limited to release generated from final equipment cleaning step using water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:

liquid

Form:

liquid

Color:

Pale yellow

Odor:

Pungent

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Odor Threshold:	No data available.
pH:	Not applicable substance/mixture is non-soluble (in water)
Freezing point:	No data available.
Boiling Point:	> 36 °C
Flash Point:	ca. -12 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	12 %(V)
Flammability Limit - Lower (%):	2,1 %(V)
Vapor pressure:	No data available.
Relative vapor density:	No data available.
Density:	ca. 0,855 g/cm ³
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	partly miscible
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	> 343 °C
Decomposition Temperature:	No decomposition if stored and applied as directed.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	< 20,5 mm ² /s (40 °C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous polymerization does not occur.
10.4 Conditions to avoid:	Keep away from sources of ignition - No smoking.
10.5 Incompatible Materials:	Oxidizing agents. Strong Acids, Strong Bases
10.6 Hazardous Decomposition Products:	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

General information:	Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.
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Information on likely routes of exposure

Inhalation:	No data available.
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Ingestion: No data available.

Skin Contact: No data available.

Eye contact: No data available.

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

Acute toxicity

Oral

Product: ATEmix: 30.173,19 mg/kg

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Dermal

Product: ATEmix: 5.680,47 mg/kg

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Inhalation

Product: Vapour: ATEmix44 mg/l
Dust and mist: ATEmix59,97 mg/l

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	NOAEL (Rat(male and female), Oral, 28 d): 10 - 50 mg/kg LOAEL (Mouse(males), Inhalation, 28 d): 50 mg/kg
n-BUTANOL	No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

Acetone	No data available. (Rabbit): Corrosive
2-Propanol	No data available.
Xylene	(Rabbit): Slightly irritating.
Ethylbenzene	(Rabbit): Corrosive

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Tetraethyl Silicate
n-BUTANOL
OECD Test Guideline 404 (Rabbit): Non irritating
(Rabbit): Corrosive

Serious Eye Damage/Eye

Irritation:

Product: No data available.
Specified substance(s)
Acetone No data available.
2-Propanol No data available.
Xylene No data available.
Ethylbenzene (Rabbit): Slightly irritating.
Tetraethyl Silicate OECD Test Guideline 405 (Rabbit, 72 h): Non irritating
n-BUTANOL No data available. (Rabbit): Irritating to eyes.

Respiratory or Skin

Sensitization:

Product: No data available.
Specified substance(s)
Acetone , No data available. (negative)No data available.
2-Propanol No data available.
Xylene No data available.
Ethylbenzene No data available.
Tetraethyl Silicate Sensitisation, skin, OECD-Guideline 406 (Skin Sensitisation) (Guinea Pig): Non sensitizing.
n-BUTANOL No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.
Specified substance(s)
Acetone No data available.
2-Propanol No data available.
Xylene No data available.
Ethylbenzene No data available.
Tetraethyl Silicate No data available.
n-BUTANOL No data available.

In vivo

Product: No data available.
Specified substance(s)
Acetone No data available.
2-Propanol No data available.
Xylene No data available.
Ethylbenzene No data available.
Tetraethyl Silicate No data available.
n-BUTANOL No data available.

Carcinogenicity

Product: No data available.
Specified substance(s)
Acetone No data available.
2-Propanol No data available.
Xylene No data available.
Ethylbenzene No data available.
Tetraethyl Silicate No data available.
n-BUTANOL No data available.

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Reproductive toxicity

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

11.2 Information on other hazards

Endocrine disrupting properties

Product: 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.;

Components:

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Other effects: No data available.

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SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Acetone	LC50 (Lepomis macrochirus, 96 h): 8.300 mg/l (No data available.) LC0 (Leuciscus idus, 48 h): 6.320 mg/l (No data available.) LC50 (Leuciscus idus, 48 h): 7.505 mg/l (No data available.)
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	LC50 (Brachydanio rerio, 96 h): > 245 mg/l (Tested according to Directive 92/69/EEC.)
n-BUTANOL	No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	EC50 (Daphnia magna, 48 h): > 75 mg/l (OECD-Guideline 202)
n-BUTANOL	No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.

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Ethylbenzene	No data available.
Tetraethyl Silicate	EC50 (Algae (<i>Pseudokirchneriella subcapitata</i>), 72 h): > 100 mg/l (OECD Test Guideline 201)
n-BUTANOL	No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Acetone	Biological degradability (5 d, No data available.): 50 % Biological degradability (28 d, No data available.): 78 %
2-Propanol	Biological degradability (5 d, No data available.): 82,5 %
Xylene	No data available.
Ethylbenzene	Biological degradability (28 d, No data available.): 68 %
Tetraethyl Silicate	activated sludge, domestic (adaptation not specified) (28 d, OECD-Guideline 301 A (DOC Die-Away Test)): 98 % Readily biodegradable
n-BUTANOL	No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

12.5 Results of PBT and vPvB assessment:

No data available.

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

12.6 Endocrine disrupting properties:

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Product: 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.

Components:

Acetone	No data available.
2-Propanol	No data available.
Xylene	No data available.
Ethylbenzene	No data available.
Tetraethyl Silicate	No data available.
n-BUTANOL	No data available.

12.7 Other adverse effects:

Other hazards

Product: No data available.

Additional Information: Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: See Section 8 for information on appropriate personal protective equipment. The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground. Dispose of waste and residues in accordance with local authority requirements.

Disposal methods: Can be incinerated when in compliance with local regulations.

SECTION 14: Transport information

ADR

14.1 UN number or ID number:	UN 1993
14.2 UN Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es):	3
Hazard No. (ADR):	33
Tunnel restriction code:	(D/E)
14.4 Packing Group:	II
14.5 Environmental Hazards	
Environmentally Hazardous:	No
Marine Pollutant:	No

ADN

14.1 UN number or ID number:	UN 1993
14.2 UN Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es):	3
14.4 Packing Group:	II
14.5 Environmental Hazards	
Environmentally Hazardous:	No
Marine Pollutant:	No

RID

14.1 UN number or ID number:	UN 1993
14.2 UN Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es):	3
14.4 Packing Group:	II

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14.5 Environmental Hazards

Environmentally Hazardous: No
Marine Pollutant: No

IATA

14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: Flammable liquid, n.o.s. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
14.4 Packing Group: II

14.5 Environmental Hazards

Environmentally Hazardous: No
Marine Pollutant: No

IMDG Code

14.1 UN number or ID number: UN 1993
14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Acetone, Isopropanol)
14.3 Transport Hazard Class(es): 3
EmS No.: F-E, S-E

14.4 Packing Group: II

14.5 Environmental Hazards

Environmentally Hazardous: No
Marine Pollutant: No

14.6 Special precautions for user: Keep away from food, foodstuff, acids and bases.

14.7 Maritime transport in bulk according to IMO instruments

Product is not transported in bulk.

SECTION 15: Regulatory information

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

EU Regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

Regulation (EC) No. 649/2012 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
2-Propanol	67-63-0	20 - 30%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%
Tetraethyl Silicate	78-10-4	1,0 - 10%
n-BUTANOL	71-36-3	1,0 - 10%

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Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:

Classification	Lower-tier Requirements	Upper-tier Requirements
P5c. Flammable liquids	5.000 t	50.000 t

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:

Chemical name	CAS-No.	Concentration
Acetone	67-64-1	30 - 40%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
2-Propanol	67-63-0	20 - 30%
Xylene	1330-20-7	10 - 20%
Ethylbenzene	100-41-4	1,0 - 10%
Tetraethyl Silicate	78-10-4	1,0 - 10%
n-BUTANOL	71-36-3	1,0 - 10%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

Inventory Status

REACH:

If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.

Remarks: None.

Australia Industrial Chem. Act (AIC):

On or in compliance with the inventory

Remarks: None.

Canada DSL Inventory List:

On or in compliance with the inventory

Remarks: None.

Canada NDSL Inventory:

Not in compliance with the inventory.

Remarks: None.

China Inv. Existing Chemical Substances:

On or in compliance with the inventory

Remarks: None.

Japan (ENCS) List:

On or in compliance with the inventory

Remarks: None.

Korea Existing Chemicals Inv. (KECI):

On or in compliance with the inventory

Remarks: None.

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New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: Commercial Status: Active

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Training information: No data available.

Issue Date: 16.07.2024

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Disclaimer:

Notice to reader

Unless otherwise specified in section 1.2, Momenive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

Further Information

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.

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