



Adtech 836 Part A (Adtech DX8920 Part A)

Ureka Global Ltd

Version No: 1.3

Safety data sheet according to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Chemwatch Hazard Alert Code: 4

Issue Date: 01/04/2022

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S.REACH.GB.EN

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

1.1. Product Identifier

Product name	Adtech 836 Part A (Adtech DX8920 Part A)
Chemical Name	Not Applicable
Synonyms	Not Available
Chemical formula	Not Applicable
Other means of identification	Not Available

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

Relevant identified uses	SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites; PC1 Adhesives, sealants;
Uses advised against	Not Applicable

1.3. Details of the supplier of the safety data sheet

Registered company name	Ureka Global Ltd
Address	7 Flowers Hill Bristol BS4 5JJ United Kingdom
Telephone	+44 (0)117 971 1364
Fax	Not Available
Website	www.thenamehatsticks.com
Email	sales@thenamethatsticks.com

1.4. Emergency telephone number

Association / Organisation	Ureka Global Ltd
Emergency telephone numbers	+44 (0)117 971 1364 (Mon - Fri 09:00 - 16:00)
Other emergency telephone numbers	Not Available

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classified according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 [1]	H335 - Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, H315 - Skin Corrosion/Irritation Category 2, H319 - Serious Eye Damage/Eye Irritation Category 2, H317 - Sensitisation (Skin) Category 1, H360DF - Reproductive Toxicity Category 1B, H412 - Hazardous to the Aquatic Environment Long-Term Hazard Category 3
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2.2. Label elements

Hazard pictogram(s)	
Signal word	Danger

Hazard statement(s)

H335	May cause respiratory irritation.
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H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

P201	Obtain special instructions before use.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P261	Avoid breathing mist/vapours/spray.
P273	Avoid release to the environment.
P264	Wash all exposed external body areas thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s) Response

P308+P313	IF exposed or concerned: Get medical advice/ attention.
P302+P352	IF ON SKIN: Wash with plenty of water.
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/doctor/physician/first aider/if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary statement(s) Storage

P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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2.3. Other hazards

Skin contact may produce health damage*.

Cumulative effects may result following exposure*.

Limited evidence of a carcinogenic effect*.

Possible respiratory sensitizer*.

REACH - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

Not Applicable

SECTION 3 Composition / information on ingredients**3.1.Substances**

See 'Composition on ingredients' in Section 3.2

3.2.Mixtures

1.CAS No 2.EC No 3.Index No 4.REACH No	%[weight]	Name	Classified according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	SCL / M-Factor	Nanoform Particle Characteristics
1.2455-24-5 2.219-529-5 3.Not Available 4.Not Available	50-60	<u>tetrahydrofurfuryl methacrylate</u>	Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2, Sensitisation (Skin) Category 1, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H302, H315, H319, H317, H335, H412 [1]	Not Available	Not Available
1.688-84-6 2.211-708-6 3.607-134-00-4 4.Not Available	20-30	<u>2-ethylhexyl methacrylate</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; H315, H319, H335 [2]	STOT SE 3; H335: C ≥ 10 %	Not Available

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1.CAS No 2.EC No 3.Index No 4.REACH No	%[weight]	Name	Classified according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	SCL / M-Factor	Nanoform Particle Characteristics
1.20882-04-6 2.244-096-4 3.Not Available 4.Not Available	1-10	<u>2-methacryloyloxyethyl succinate</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 1, Sensitisation (Skin) Category 1; H315, H318, H317 [1]	Not Available	Not Available
1.110-16-7 2.203-742-5 3.607-095-00-3 4.Not Available	1-10	<u>maleic acid</u>	Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2, Sensitisation (Skin) Category 1, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; H302, H315, H319, H317, H335 [2]	Skin Sens. 1; H317: C ≥ 0,1 %	Not Available
1.128-37-0 2.204-881-4 3.Not Available 4.Not Available	<0.5	<u>2,6-di-tert-butyl-4-methylphenol</u>	Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2, Germ Cell Mutagenicity Category 2, Carcinogenicity Category 2, Reproductive Toxicity Category 2, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 1; H302, H315, H319, H341, H351, H361d, H335, H410 [1]	Not Available	Not Available

SECTION 4 First aid measures

4.1. Description of first aid measures

Eye Contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact	Seek medical attention. Wash with soap and water.
Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

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

Remove the affected person from the source of contamination immediately. Treat symptomatically.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Carbon dioxide (CO₂). Foam. Non flammable product (flash point is greater than 80 Deg C). If product is involved in fire extinguish with dry powder, foam or carbon dioxide. Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

5.2. Special hazards arising from the substrate or mixture

This product is not flammable. Stable under normal conditions.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See section 8

6.2. Environmental precautions

See section 12

6.3. Methods and material for containment and cleaning up

Wear suitable protective clothing, gloves and eye/face protection. Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

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See section 1.2

SECTION 8 Exposure controls / personal protection

8.1. Control parameters

Ingredient	DNELs Exposure Pattern Worker	PNECs Compartment
tetrahydrofurfuryl methacrylate	Dermal 1 mg/kg bw/day (Systemic, Chronic) Inhalation 3.53 mg/m ³ (Systemic, Chronic) <i>Dermal 0.5 mg/kg bw/day (Systemic, Chronic) *</i> <i>Inhalation 0.87 mg/m³ (Systemic, Chronic) *</i> <i>Oral 0.5 mg/kg bw/day (Systemic, Chronic) *</i>	0.347 mg/L (Water (Fresh)) 0.035 mg/L (Water - Intermittent release) 0.347 mg/L (Water (Marine)) 2.12 mg/kg sediment dw (Sediment (Fresh Water)) 0.212 mg/kg sediment dw (Sediment (Marine)) 0.221 mg/kg soil dw (Soil) 15.8 mg/L (STP)
2-ethylhexyl methacrylate	Dermal 5 mg/kg bw/day (Systemic, Chronic) Inhalation 2.5 mg/m ³ (Systemic, Chronic)	0.003 mg/L (Water (Fresh)) 0 mg/L (Water - Intermittent release) 0.022 mg/L (Water (Marine)) 2.24 mg/kg sediment dw (Sediment (Fresh Water)) 0.224 mg/kg sediment dw (Sediment (Marine)) 0.446 mg/kg soil dw (Soil) 10 mg/L (STP)
maleic acid	Inhalation 3 mg/m ³ (Systemic, Chronic) Inhalation 3 mg/m ³ (Local, Chronic) Inhalation 3 mg/m ³ (Systemic, Acute) Inhalation 3 mg/m ³ (Local, Acute)	0.1 mg/L (Water (Fresh)) 0.01 mg/L (Water - Intermittent release) 0.428 mg/L (Water (Marine)) 0.334 mg/kg sediment dw (Sediment (Fresh Water)) 0.033 mg/kg sediment dw (Sediment (Marine)) 0.042 mg/kg soil dw (Soil) 44.6 mg/L (STP)
2,6-di-tert-butyl-4-methylphenol	Dermal 0.5 mg/kg bw/day (Systemic, Chronic) Inhalation 3.5 mg/m ³ (Systemic, Chronic) <i>Dermal 0.25 mg/kg bw/day (Systemic, Chronic) *</i> <i>Inhalation 0.86 mg/m³ (Systemic, Chronic) *</i>	0.199 µg/L (Water (Fresh)) 0.02 µg/L (Water - Intermittent release) 1.99 µg/L (Water (Marine)) 99.6 µg/kg sediment dw (Sediment (Fresh Water)) 9.96 µg/kg sediment dw (Sediment (Marine)) 47.69 µg/kg soil dw (Soil) 0.17 mg/L (STP) 8.33 mg/kg food (Oral)

* Values for General Population

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available

Not Applicable

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
maleic acid	2.1 mg/m ³	23 mg/m ³	140 mg/m ³

Ingredient	Original IDLH	Revised IDLH
tetrahydrofurfuryl methacrylate	Not Available	Not Available
2-ethylhexyl methacrylate	Not Available	Not Available
2-methacryloyloxyethyl succinate	Not Available	Not Available
maleic acid	Not Available	Not Available
2,6-di-tert-butyl-4-methylphenol	Not Available	Not Available

Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
tetrahydrofurfuryl methacrylate	E	≤ 0.1 ppm
2-ethylhexyl methacrylate	E	≤ 0.1 ppm
2-methacryloyloxyethyl succinate	E	≤ 0.1 ppm
maleic acid	E	≤ 0.01 mg/m ³
2,6-di-tert-butyl-4-methylphenol	E	≤ 0.01 mg/m ³


Notes: Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2.2. Personal protection	
Eye and face protection	Approved safety goggles. Safety glasses.
Skin/Hand protection	See Hand protection below
Respiratory protection	Use in a well ventilated area. Wear suitable respiratory equipment when necessary. For short periods of work a combination of charcoal filter and particulate filter is suitable. Suitable half mask respirator with filter P2 (EN 143).

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection:

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Material	CPI
NATURAL RUBBER	A
NATURAL+NEOPRENE	A
NEOPRENE	A
NEOPRENE/NATURAL	A
NITRILE	A
PVC	A

* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

8.2.3. Environmental exposure controls

See section 12

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Not Available		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Odour	Characteristic	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Not Available	pH as a solution (Not Available%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available
Nanoform Solubility	Not Available	Nanoform Particle Characteristics	Not Available
Particle Size	Not Available		

9.2. Other information

Not Available

SECTION 10 Stability and reactivity

10.1.Reactivity	Peroxides.
10.2. Chemical stability	Stable under normal conditions.

Continued...

Adtech 836 Part A (Adtech DX8920 Part A)

10.3. Possibility of hazardous reactions	Non hazardous. Stable under normal conditions.
10.4. Conditions to avoid	Keep away from heat. Keep away from water.
10.5. Incompatible materials	Acids. Copper and its alloys. Strong oxidising agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes. Will not decompose if stored and used as recommended.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity	May cause irritation to respiratory system. H361d - Suspected of damaging the unborn child. Irritating to eyes and skin. H317 - May cause an allergic skin reaction.
Skin corrosion/irritation	Prolonged or repeated exposure may cause irritation to skin and mucous membranes. May cause irritation to skin, eyes and mucous membranes.

Adtech 836 Part A (Adtech DX8920 Part A)	TOXICITY	IRRITATION
	Not Available	Not Available
tetrahydrofurfuryl methacrylate	TOXICITY	
	Oral (Rat) LD50; 4000 mg/kg ^[2]	
maleic acid	TOXICITY	
	Dermal (rabbit) LD50: 1560 mg/kg ^[2]	
	Oral (Rat) LD50; 1090 mg/kg ^[2]	

Acute Toxicity	✗	Carcinogenicity	✗
Skin Irritation/Corrosion	✓	Reproductivity	✓
Serious Eye Damage/Irritation	✓	STOT - Single Exposure	✓
Respiratory or Skin sensitisation	✓	STOT - Repeated Exposure	✗
Mutagenicity	✗	Aspiration Hazard	✗

11.2 Information on other hazards

11.2.1. Endocrine Disruption Properties

Not Available

SECTION 12 Ecological information

12.1. Toxicity

Adtech 836 Part A (Adtech DX8920 Part A)	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
tetrahydrofurfuryl methacrylate	Endpoint	Test Duration (hr)	Species	Value	Source
	LC50	96h	Fish	34.7mg/l	2
	EC50	72h	Algae or other aquatic plants	>100mg/l	2
maleic acid	Endpoint	Test Duration (hr)	Species	Value	
	LC50	96h	Rainbow trout	75mg/l	
	LC50	96h	Fish	75mg/l	
	EC50	72h	Algae or other aquatic plants	74.35mg/l	
	EC50	48h	Crustacea	42.81mg/l	

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
tetrahydrofurfuryl methacrylate	LOW	LOW
2-ethylhexyl methacrylate	LOW	LOW
maleic acid	LOW	LOW
2,6-di-tert-butyl-4-methylphenol	HIGH	HIGH

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
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Continued...

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Ingredient	Bioaccumulation
tetrahydrofurfuryl methacrylate	LOW (LogKOW = 1.797)
2-ethylhexyl methacrylate	HIGH (LogKOW = 4.54)
maleic acid	LOW (BCF = 11)
2,6-di-tert-butyl-4-methylphenol	HIGH (BCF = 2500)

12.4. Mobility in soil

Ingredient	Mobility
tetrahydrofurfuryl methacrylate	LOW (KOC = 12.03)
2-ethylhexyl methacrylate	LOW (KOC = 677)
maleic acid	LOW (KOC = 6.314)
2,6-di-tert-butyl-4-methylphenol	LOW (KOC = 23030)

12.5. Results of PBT and vPvB assessment

	P	B	T
Relevant available data	Not Available	Not Available	Not Available
PBT	✗	✗	✗
vPvB	✗	✗	✗
PBT Criteria fulfilled?	No		
vPvB	No		

12.6. Endocrine Disruption Properties

Not Available

12.7. Other adverse effects

Not Available

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Product / Packaging disposal	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Contact a licensed waste disposal company. Dispose of in compliance with all local and national regulations.
Waste treatment options	Not Available
Sewage disposal options	Not Available

SECTION 14 Transport information

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable												
14.2. UN proper shipping name	Not Applicable												
14.3. Transport hazard class(es)	<table border="1"> <tbody> <tr> <td>Class</td> <td>Not Applicable</td> </tr> <tr> <td>Subrisk</td> <td>Not Applicable</td> </tr> </tbody> </table>	Class	Not Applicable	Subrisk	Not Applicable								
Class	Not Applicable												
Subrisk	Not Applicable												
14.4. Packing group	Not Applicable												
14.5. Environmental hazard	Not Applicable												
14.6. Special precautions for user	<table border="1"> <tbody> <tr> <td>Hazard identification (Kemler)</td> <td>Not Applicable</td> </tr> <tr> <td>Classification code</td> <td>Not Applicable</td> </tr> <tr> <td>Hazard Label</td> <td>Not Applicable</td> </tr> <tr> <td>Special provisions</td> <td>Not Applicable</td> </tr> <tr> <td>Limited quantity</td> <td>Not Applicable</td> </tr> <tr> <td>Tunnel Restriction Code</td> <td>Not Applicable</td> </tr> </tbody> </table>	Hazard identification (Kemler)	Not Applicable	Classification code	Not Applicable	Hazard Label	Not Applicable	Special provisions	Not Applicable	Limited quantity	Not Applicable	Tunnel Restriction Code	Not Applicable
Hazard identification (Kemler)	Not Applicable												
Classification code	Not Applicable												
Hazard Label	Not Applicable												
Special provisions	Not Applicable												
Limited quantity	Not Applicable												
Tunnel Restriction Code	Not Applicable												

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable
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14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	ICAO/IATA Class	Not Applicable
	ICAO / IATA Subrisk	Not Applicable
	ERG Code	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Special provisions	Not Applicable
	Cargo Only Packing Instructions	Not Applicable
	Cargo Only Maximum Qty / Pack	Not Applicable
	Passenger and Cargo Packing Instructions	Not Applicable
	Passenger and Cargo Maximum Qty / Pack	Not Applicable
	Passenger and Cargo Limited Quantity Packing Instructions	Not Applicable
	Passenger and Cargo Limited Maximum Qty / Pack	Not Applicable

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	IMDG Class	Not Applicable
	IMDG Subrisk	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	EMS Number	Not Applicable
	Special provisions	Not Applicable
	Limited Quantities	Not Applicable

Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	Not Applicable	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Classification code	Not Applicable
	Special provisions	Not Applicable
	Limited quantity	Not Applicable
	Equipment required	Not Applicable
	Fire cones number	Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.8. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
tetrahydrofurfuryl methacrylate	Not Available
2-ethylhexyl methacrylate	Not Available
2-methacryloyloxyethyl succinate	Not Available
maleic acid	Not Available
2,6-di-tert-butyl-4-methylphenol	Not Available

14.9. Transport in bulk in accordance with the ICG Code

Product name	Ship Type
tetrahydrofurfuryl methacrylate	Not Available
2-ethylhexyl methacrylate	Not Available
2-methacryloyloxyethyl succinate	Not Available

Continued...

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Product name	Ship Type
maleic acid	Not Available
2,6-di-tert-butyl-4-methylphenol	Not Available

SECTION 15 Regulatory information

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

tetrahydrofurfuryl methacrylate is found on the following regulatory lists	
Europe EC Inventory	European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
2-ethylhexyl methacrylate is found on the following regulatory lists	
Europe EC Inventory	European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI
European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)	
2-methacryloyloxyethyl succinate is found on the following regulatory lists	
Europe EC Inventory	European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)
maleic acid is found on the following regulatory lists	
Europe EC Inventory	European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI
European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)	
2,6-di-tert-butyl-4-methylphenol is found on the following regulatory lists	
EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances	International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
Europe EC Inventory	International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans
European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)	International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 92/85/EEC, - 94/33/EC, - 2008/98/EC, - 2010/75/EU; Commission Regulation (EU) 2020/878; Regulation (EC) No 1272/2008 as updated through ATPs.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

ECHA SUMMARY

Ingredient	CAS number	Index No	ECHA Dossier
2-ethylhexyl methacrylate	688-84-6	607-134-00-4	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Skin Sens. 1	GHS07; Wng	H317
2	Skin Irrit. 2; Skin Sens. 1B; Eye Irrit. 2; STOT SE 3; Repr. 2; Aquatic Chronic 2	Wng; GHS09; GHS08	H315; H317; H319; H335; H361; H411

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
2-methacryloyloxyethyl succinate	20882-04-6	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Skin Irrit. 2; Skin Sens. 1; Eye Dam. 1	GHS05; Dgr	H315; H317; H318
2	Skin Sens. 1; Eye Dam. 1; Skin Irrit. 2; STOT SE 3	GHS05; Dgr	H317; H318; H315; H335

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
maleic acid	110-16-7	607-095-00-3	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Tox. 4; Skin Irrit. 2; Skin Sens. 1; Eye Irrit. 2; STOT SE 3	GHS07; Wng	H302; H315; H317; H319; H335
2	Acute Tox. 4; Skin Corr. 1B; Skin Sens. 1; Eye Dam. 1; STOT SE 3; STOT SE 3; Acute Tox. 3; STOT RE 2; Met. Corr. 1; Acute Tox. 4; Aquatic Chronic 2	GHS05; Dgr; GHS08; GHS06; GHS09; GHS03	H312; H314; H317; H335; H370; H318; H301; H373; H290; H332; H411

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
2,6-di-tert-butyl-4-methylphenol	128-37-0	Not Available	Not Available

Adtech 836 Part A (Adtech DX8920 Part A)

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Aquatic Chronic 1	GHS09; Wng	H410
2	Aquatic Chronic 1; Aquatic Acute 1; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; Acute Tox. 4; STOT SE 3; STOT RE 2; Muta. 1B; Repr. 2; Skin Sens. 1; STOT SE 1; Resp. Sens. 1; Carc. 1B; Acute Tox. 3	GHS09; GHS08; GHS05; Dgr; GHS02; GHS03; GHS06	H410; H400; H315; H319; H335; H373; H340; H361; H317; H370; H311; H331; H350; H301; H222; H229
1	Aquatic Acute 1; Aquatic Chronic 1	GHS09; Wng	H410
2	Aquatic Acute 1; Aquatic Chronic 1	GHS09; Wng	H410

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

National Inventory	Status

SECTION 16 Other information

Revision Date	01/04/2022
Initial Date	22/03/2022

Full text Risk and Hazard codes

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H340	May cause genetic defects.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

SDS Version Summary

Version	Date of Update	Sections Updated
0.3	22/03/2022	Classification, Ingredients

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

- EN 166 Personal eye-protection
- EN 340 Protective clothing
- EN 374 Protective gloves against chemicals and micro-organisms
- EN 13832 Footwear protecting against chemicals
- EN 133 Respiratory protective devices

Definitions and abbreviations

- PC—TWA: Permissible Concentration-Time Weighted Average
- PC—STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit.
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor

Continued...

Adtech 836 Part A (Adtech DX8920 Part A)

NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index
AIIIC: Australian Inventory of Industrial Chemicals
DSL: Domestic Substances List
NDSL: Non-Domestic Substances List
IECSC: Inventory of Existing Chemical Substance in China
EINECS: European INventory of Existing Commercial chemical Substances
ELINCS: European List of Notified Chemical Substances
NLP: No-Longer Polymers
ENCS: Existing and New Chemical Substances Inventory
KECI: Korea Existing Chemicals Inventory
NZIoC: New Zealand Inventory of Chemicals
PICCS: Philippine Inventory of Chemicals and Chemical Substances
TSCA: Toxic Substances Control Act
TCSI: Taiwan Chemical Substance Inventory
INSQ: Inventario Nacional de Sustancias Químicas
NCI: National Chemical Inventory
FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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