



SAFETY DATA SHEET

ADD-2020

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Compilation date: 28-05-2013

Revision date: 12-03-2019

Revision No: 9

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

1.1. Product identifier

Product name: ADD-2020

REACH registered number(s): POLYMER IN SOLUTION

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

Use of substance / mixture: PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers. PC18:
Ink and toners.

1.3. Details of the supplier of the safety data sheet

Company name: ADD Additives BV

Daltonstraat 42

3846 BX Harderwijk

The Netherlands

Email: info@add-additives.com

1.4. Emergency telephone number

Emergency tel: +31-880701700

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: * Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT RE 1: H372;
STOT SE 3: H336; -: EUH066

Most important adverse effects: Flammable liquid and vapour. Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements:

Hazard statements: * H226: Flammable liquid and vapour.

H372: Causes damage to organs through prolonged or repeated exposure.

[cont...]

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H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

Hazard pictograms: * GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Danger

Precautionary statements: * P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call POISON CENTER/doctor if you feel unwell.

P331: Do NOT induce vomiting.

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

P501: Dispose of contents/container to certified disposal.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

[cont...]

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* Hazardous ingredients:

HYDROCARBONS, C9-C10, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS - REACH registered number(s):
01-2119471843-32

EINECS	CAS	PBT / WEL	CLP Classification	Percent
927-241-2	-	-	Asp. Tox. 1: H304; Aquatic Chronic 3: H412; Flam. Liq. 3: H226; STOT SE 3: H336	40-60%

HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%) - REACH registered number(s): 2119458049-33

919-446-0	64742-82-1	-	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; -: EUH066	25-40%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: * Alcohol resistant foam. Dry chemical powder.

[cont...]

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

[cont...]

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8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

HYDROCARBONS, C9-C10, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Type	Exposure	Value	Population	Effect
DNEL	Dermal	125 MG/KG	Consumers	Systemic
DNEL	Inhalation	185 mg/m3	Consumers	Systemic
DNEL	Oral	125 MG/KG	Consumers	Systemic
DNEL	Dermal	208 MG/KG	Workers	Systemic
DNEL	Inhalation	871 mg/m3	Workers	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow-gold

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 71

Melting point/range°C: No data available.

Flammability limits %: lower: 0.6

upper: 8.0

Flash point°C: 30

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: 240

Vapour pressure: 10.0 hPa

Relative density: 0.78

[cont...]

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pH: No data available.

VOC g/l: 690

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROCARBONS, C9-C10, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>4951	ppmV

Relevant hazards for product:

Hazard	Route	Basis
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STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: The product has not been tested. The statement has been derived from products of a similar structure and composition.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
FISCH	96H LC50	1 - 10	mg/l
DAPHNIA	48H LC50	1 - 10	mg/l
ALGAE	72H EC50	1 - 10	mg/l
BACTERIA	0.5H EC50	1 - 10	mg/l

Hazardous ingredients:

HYDROCARBONS, C9-C10, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

ALGAE	72H ErC50	>1000	mg/l
Daphnia magna	48H EC50	22-46	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	10-30	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

[cont...]

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12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1866

14.2. UN proper shipping name

Shipping name: RESIN SOLUTION
(HYDROCARBONS, C9-C10, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: * Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

[cont...]

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Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H372: Causes damage to organs ({{{0|||message=<or state all organs affected, if known>|||filter=(_)?ORGAN_.+}}}) through prolonged or repeated exposure ({{{1|||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>|||filter=(_)?EXP_ROUTE_.+}}}).

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.