

ADII Limited

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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ADII 10 Second Opaque Yellow

Revision 0
Revision date 2016-09-26

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

1.1. Product identifier

Product name ADII 10 Second Opaque Yellow

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

Description Printing Ink.

1.3. Details of the supplier of the safety data sheet

Company ADII Limited
Address Houldsworth Mill Business Centre
Houldsworth Street
Stockport
SK5 6DA
United Kingdom
E-Mail john@acorndigital.co.uk
Telephone +44 (0) 7590 414092

1.4. Emergency telephone number


Emergency Telephone No +44 (0) 7590 414092
24hrs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC
Xn; R20 R10
Symbols: Xn: Harmful.
Main hazards Flammable. Harmful by inhalation.
2.1.2. Classification - EC 1272/2008
Flam. Liq. 3: H226; Acute Tox. 4: H332;

2.2. Label elements

Hazard pictograms 
Signal Word Warning
Hazard Statement Flam. Liq. 3: H226 - Flammable liquid and vapour.
Acute Tox. 4: H332 - Harmful if inhaled.

2.3. Other hazards

Other hazards No data available.

SECTION 3: Composition/information on ingredients

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3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Cyclohexanone	606-010-00-7	108-94-1	203-631-1		80 - 90%	R10 Xn; R20	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Cyclohexanone	606-010-00-7	108-94-1	203-631-1		80 - 90%	Flam. Liq. 3: H226; Acute Tox. 4: H332;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Treat as for inhalation if any signs of poisoning are present.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of vapour may cause shortness of breath.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin. Repeated exposure may cause skin dryness or cracking.
Ingestion	Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting.

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

Inhalation	Seek medical attention.
Eye contact	Seek medical attention.
Skin contact	Seek medical attention.
Ingestion	Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Extinguishing media. Alcohol resistant foam. Carbon dioxide (CO ₂). Dry powder or water fog. Water spray, fog or mist. Do NOT use water jet.
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5.2. Special hazards arising from the substance or mixture

	Flammable liquid and vapour. Vapours are heavier than air. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	In case of fire and/or explosion do not breathe fumes. Wear: Self-contained breathing apparatus. Protective equipment.
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Further information

	No data available.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with skin and eyes.
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6.2. Environmental precautions

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6.2. Environmental precautions

Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

Further information

No data available.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from sources of ignition - No smoking.

7.3. Specific end use(s)

Used in Industrial applications.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Control parameters.

8.1.1. Exposure Limit Values

Cyclohexanone	WEL 8-hr limit ppm:	10	WEL 8-hr limit mg/m3:	10
	WEL 15 min limit ppm:	20	WEL 15 min limit mg/m3:	82
	WEL 8-hr limit mg/m3 total inhalable dust:	-	WEL 15 min limit mg/m3 total inhalable dust:	-
	WEL 8-hr limit mg/m3 total respirable dust:	-	WEL 15 min limit mg/m3 total respirable dust:	-

8.2. Exposure controls

	No data available.
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing. Suitable foot protection e.g. boots. Wear suitable protective clothing. Wear suitable gloves and eye/face protection.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Skin protection - Other	Wear suitable protective clothing and gloves.
Respiratory protection	Self-contained breathing apparatus.
Thermal hazards	No data available.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow/Opaque
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point	153 °C
Flash point	43 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.1 (H ₂ O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Slightly soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	767

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No data available.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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10.5. Incompatible materials

	Strong oxidising agents.
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10.6. Hazardous decomposition products

	No data available.
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Further information

	No data available.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

Cyclohexanone	Inhalation Rat LC50/4 h: 8000 ppm Dermal Rabbit LD50: 948 mg/kg	Oral Rat LD50: 1540 mg/kg
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SECTION 12: Ecological information

12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	ADII 10 Second Opaque Yellow No data available
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12.4. Mobility in soil

	No data available.
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12.5. Results of PBT and vPvB assessment

	No data available.
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12.6. Other adverse effects

	No data available.
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Further information

	No data available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	This product and it's container must be disposed of in accordance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN1210
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14.2. UN proper shipping name

	PRINTING INK
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14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

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14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-D
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IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

	EU Commission Regulation 2015/830/EU: Amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
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15.2. Chemical safety assessment

	This product contains substances for which Chemical Safety Assessment are still required.
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SECTION 16: Other information**Other information**

Text of risk phrases in Section 3	R10 - Flammable R20 - Harmful by inhalation.
Maximum content of VOC	767.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.
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