

ADII Limited

Page 1/7

Acorn Digital 10 Second White

Revision 0

Revision date 2015-09-21

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

1.1. Product identifier

Product name	Acorn Digital 10 Second White
--------------	-------------------------------

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
Telephone	+44 (0) 7590 414092
Email address	john@acorndigital.co.uk
Email address of the competent person	john@acorndigital.co.uk

1.4. Emergency telephone number

Emergency telephone Number	+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.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment.

Acorn Digital 10 Second White

Revision 0

Revision date 2015-09-21

2.2. Label elements

Precautionary Statement: Response	P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P370+P378 - In case of fire: Use to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

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		60 - 70%	R10 Xn; R20	
Titanium dioxide		13463-67-7	236-675-5		10 - 20%		

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		60 - 70%	Flam. Liq. 3: H226; Acute Tox. 4: H332;	
Titanium dioxide		13463-67-7	236-675-5		10 - 20%		

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

Acorn Digital 10 Second White

Revision 0

Revision date 2015-09-21

5.1. Extinguishing media

	Extinguishing media. Alcohol resistant foam. Carbon dioxide (CO2). Dry powder or water fog. Water spray, fog or mist. Do NOT use water jet.
--	---

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.
--	--

5.3. Advice for firefighters

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

Further information

	No data available.
--	--------------------

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	No data available.
--	--------------------

6.2. Environmental precautions

	No data available.
--	--------------------

6.3. Methods and material for containment and cleaning up

	No data available.
--	--------------------

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

	No data available.
--	--------------------

7.2. Conditions for safe storage, including any incompatibilities

	No data available.
--	--------------------

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

Acorn Digital 10 Second White

Revision 0

Revision date 2015-09-21

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:	-
	Titanium dioxide	WEL 8-hr limit ppm:	-	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	-	WEL 15 min limit mg/m3:	-
	WEL 8-hr limit mg/m3 total inhalable dust:	10	WEL 15 min limit mg/m3 total inhalable dust:	-
	WEL 8-hr limit mg/m3 total respirable dust:	4	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

Appearance	Liquid
Colour	White
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point	153
Flash point	43
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
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	No data available

9.2. Other information

Acorn Digital 10 Second White

Revision 0
Revision date 2015-09-21

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.
--	--------------------

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

10.3. Possibility of hazardous reactions

	No data available.
--	--------------------

10.4. Conditions to avoid

	Heat, sparks and open flames. Strong oxidising agents.
--	--

10.5. Incompatible materials

	No data available.
--	--------------------

10.6. Hazardous decomposition products

	No data available.
--	--------------------

Further information

	No data available.
--	--------------------

SECTION 11: Toxicological information

11.1.4. Toxicological Information

	No data available
--	-------------------

SECTION 12: Ecological information

12.1. Toxicity

	No data available
--	-------------------

12.2. Persistence and degradability

	No data available.
--	--------------------

12.3. Bioaccumulative potential

	No data available.
--	--------------------

Partition coefficient

	Acorn Digital 10 Second White No data available
--	---

12.4. Mobility in soil

	No data available.
--	--------------------

12.5. Results of PBT and vPvB assessment

	No data available.
--	--------------------

12.6. Other adverse effects

	No data available.
--	--------------------

Acorn Digital 10 Second White

Revision 0

Revision date 2015-09-21

Further information

No data available.

SECTION 13: Disposal considerations

Disposal methods

This product and it's container must be disposed of in accordance with all local and national regulations.

Disposal of packaging

This product and it's container must be disposed of in accordance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1210

14.2. UN proper shipping name

Printing Ink

14.3. Transport hazard class(es)

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

14.4. Packing group

Packing group III

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
----------	---------

IATA

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

SECTION 15: Regulatory information

Acorn Digital 10 Second White

Revision 0

Revision date 2015-09-21

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
--------------------	--

SECTION 16: Other information

Other information

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