

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** AKQUICK T10  
**Chemical name** N, N-DIMETHYL ANILINE 10%

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

**Identified uses** Industrial use.  
**Uses advised against** No specific uses advised against are identified.

**1.3. Details of the supplier of the safety data sheet**

**Manufacturer** AKPA KİMYA AMBALAJ SANAYİ VE TİCARET ANONİM ŞİRKETİ  
Yenibosna Merkez Mah. Ladin Sok. No:36/70 Kat:12 34197  
Townofis Bahçelievler, İstanbul, TÜRKİYE  
Web: www.akpakimya.com  
TEL: +90 212 580 55 59  
FAX: +90 212 580 55 21  
E-mail: info@akpakimya.com  
**Contact person** Export Department - export@akpakimya.com

**1.4. Emergency telephone number**

**Emergency telephone** CHEMTREC: TOLL Free 1-800-424-9300 / Local: +1-703-527-3887  
**For product information** AKPA KİMYA: +90 549 558 40 40

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

**Physical hazards** Not classified.  
**Health hazards** Acute Tox. 4 - H302; Acute Tox. 4 - H312; Acute Tox. 4 - H332; Carc. 2 - H351  
**Environmental hazards** Aquatic Chronic 3 - H412

**2.2. Label elements****Pictogram****Signal Word****Hazard statements****Warning**

**H302+H312+H332** Harmful if swallowed, in contact with skin or if inhaled.

## SAFETY DATA SHEET

## AKQUICK T10

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

- H351** Suspected of causing cancer.  
**H412** Harmful to aquatic life with long lasting effects.

## Precautionary statements

- P201** Obtain special instructions before use.  
**P202** Do not handle until all safety precautions have been read and understood.  
**P273** Avoid release to the environment.  
**P281** Use personal protective equipment as required.  
**P308+P313** IF exposed or concerned: Get medical advice/attention.  
**P405** Store locked up.  
**P501** Dispose of contents/ container in accordance with national regulations.

## Commission Regulation (EU) No 2015/830 of 28 May 2015.

## Contains

N,N-Dimethylaniline

## 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

N,N-Dimethylaniline		%10>	
CAS Number	121-69-7	EC Number	204-493-5
<b>Classification</b>			
Acute Tox. 3	H301		
Acute Tox. 3	H311		
Acute Tox. 3	H331		
Carc. 2	H351		
Aquatic Chronic 2	H411		

1-Isopropyl-2,2-Dimethyltrimethylene Diisobutyrate		%90<	
REACH Reg. No: 01-2119451093-47-0000			
CAS Number	6846-50-0	EC Number	229-934-9
<b>Classification</b>			
Aquatic Chronic 3	H412		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**4.1. Description of first aid measures**

<b>General information</b>	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.
<b>Ingestion</b>	Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions. Never give liquid to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!
<b>Skin contact</b>	It is important to remove the substance from the skin immediately. Take off immediately all contaminated clothing. Rinse immediately with plenty of water. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

<b>General information</b>	See Section 11/2.2 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Nausea, vomiting. Dizziness.
<b>Ingestion</b>	Nausea, vomiting.
<b>Skin contact</b>	Long-term contact redness on the skin.
<b>Eye contact</b>	May cause blurred vision.

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

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

**Notes for the doctor** Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing Media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

**5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure

## SAFETY DATA SHEET

### AKQUICK T10

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

##### Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

#### 6.3. Methods and material for containment and cleaning up

##### Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Use only non-sparking tools. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### 6.4. Reference to other sections

##### Reference to the other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

##### Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

#### 7.2. Conditions for safe storage, including any incompatibilities

## SAFETY DATA SHEET

### AKQUICK T10

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

#### Storage precautions

Store away from other materials. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

#### 7.3. Specific end use(s)

##### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

#### 8.1. Control Parameters

##### Occupational exposure limits:

Chemical Name	STD	TWA-8h		STEL-15min	
N,N-DIMETILANILIN	WEL	5 ppm(Sk)	25 mg/m <sup>3</sup> (Sk)	10 ppm(Sk)	50 g/m <sup>3</sup> (Sk)

##### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	Workers	Inhalation	Long-term exposure	17,62 mg/m <sup>3</sup>
	Workers	Dermal	Long-term exposure	5 mg/kg bw/day
	General Population	Inhalation	Long-term exposure	4,35 mg/m <sup>3</sup>
	General Population	Dermal	Long-term exposure	5 mg/kg bw/day
	General Population	Oral	Long-term exposure	5 mg/kg bw/day

##### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	Water	0,014 mg/l
	Marine water	0,0014 mg/l
	Aqua Intermittent	0,14 mg/l
	Fresh water sediment	5,29 mg/kg
	Marine sediment	0,529 mg/kg
	Soil	1,05 mg/kg
	Sewage treatment plant	3 mg/l
	Secondary Poisoning	83,3 mg/kg

#### 8.2. Exposure controls

##### Protective equipment

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**Appropriate engineering controls**

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.

**Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

**Other skin and body protection**

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

**Hygiene measures**

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.



**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

**Respiratory protection**

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Wear suitable mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14 387 and EN143. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

**Environmental exposure controls**

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Yellowish.
<b>Odour</b>	Characteristic.
<b>Melting point / melting range</b>	No data available.
<b>Flash point</b>	No data available.
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Viscosity</b>	5 mPa.s
<b>Density</b>	0,93 ± 0,005gr/cm <sup>3</sup> (@20°C)
<b>Initial boiling point and boiling range</b>	No data available.

**9.2. Other information**

<b>N,N Dimethyl Aniline Content</b>	9,5 - 10,5 %
-------------------------------------	--------------

**SECTION 10: Stability and reactivity****10.1. Reactivity**

<b>Reactivity</b>	No data available.
-------------------	--------------------



**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**10.2. Chemical stability****Stability**

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**10.3. Possibility of hazardous reactions****Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid****Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials****Materials to avoid**

Strong oxidizing agents, Strong acids, Acid chlorides, Acid anhydrides, Chloroformates, Halogens.

**10.6. Hazardous decomposition products****Hazardous decomposition Products**

Carbon Dioxide. Carbon Monoxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Product Information****Toxicological information**

Harmful if swallowed, in contact with skin or if inhaled

**Serious eye damage/irritation:**

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation:**

Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation:****Respiratory sensitisation**

Based on available data the classification criteria are not met.

**Skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:**

Genotoxicity - In Vitro - In Vivo Based on available data the classification criteria are not met.

**Carcinogenicity:**

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (N,N-Dimethylaniline)

**Reproductive Toxicity - Fertility**

Based on available data the classification criteria are not met.

**Reproductive Toxicity –****Development**

Based on available data the classification criteria are not met.

**Specific target organ toxicity - single exposure:****STOT - Single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure:****STOT - Repeated exposure**

Based on available data the classification criteria are not met.

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**Aspiration Hazard** Based on available data the classification criteria are not met.**Toxicology Data For The Ingredients:****1-isopropyl-2,2-dimethyltrimethylene diisobutyrate**

Acute oral toxicity	LD50: >2000 mg/kg	Species: Rat
Acute dermal toxicity	LD50: >2000 mg/kg	Species: Rat
Acute inhalation toxicity	LC50 (Rat): >0,12 mg/l	Exposure time: 6h

**SECTION 12: Ecological Information****12.1. Toxicity** Harmful to aquatic life with long lasting effects.**Ecological information on ingredients.****1-isopropyl-2,2-dimethyltrimethylene diisobutyrate**

<b>Toxicity to fish</b>	LC50, 96h: $\geq$ 6 mg/l
<b>Toxicity to algae</b>	EC50, 72h: >7,49 mg/l
<b>Toxicity to daphnia and other aquatic invertebrates</b>	$\geq$ 1,46 mg/l, 48h
<b>Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)</b>	EC10, 21d: >1,3 mg/l

**12.2. Persistence and degradability**  
**Persistence and degradability**

There are no data on the degradability of this product.

**12.3. Bio accumulative potential**  
**Bio accumulative potential**

No data available on bioaccumulation.

**12.4. Mobility in soil**  
**Mobility**

The product is partly miscible with water and may spread in the aquatic environment.

**12.5. Results of PBT and vPvB assessment**  
**Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**  
**Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**General information**

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods**

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Containers should be thoroughly emptied before disposal because of the risk of a fire. Do not cut or weld used containers unless they have been thoroughly cleaned internally.

**SECTION 14: Transport information****General information**

The product is not covered by the international regulation on the transport of dangerous goods.

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

Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.

**EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

**SAFETY DATA SHEET****AKQUICK T10**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

**Key literature references and sources for data**

This SDS is prepared based on the information received from the product owner.

**Classification procedures according to Regulation (EC) 1272/2008**

Acute Tox. 4 - H302; Acute Tox. 4 - H312; Acute Tox. 4 - H332; Carc. 2 - H351; Aquatic Chronic 3 - H412: Calculation method.

**Training advice**

Read and follow manufacturer's recommendations. Only trained personnel should use this material.

**Revision comments**

The SDS is generated in accordance with the 1907/2006 REACH and 1272/2008 CLP regulations.

**Issued By**

Simge ARIK - lab@akpakimya.com +90 282 361 80 99

**Issued Date**

12.02.2014

**Revision date**

31.05.2019

**Revision**

2.0

**Hazard statements in full****H301**

Toxic if swallowed.

**H302**

Harmful if swallowed.

**H311**

Toxic in contact with skin.

**H312**

Harmful in contact with skin.

**H331**

Toxic if inhaled.

**H332**

Harmful if inhaled.

**H351**

Suspected of causing cancer.

**H411**

Toxic to aquatic life with long lasting effects.

**H412**

Harmful to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.