



## SAFETY DATA SHEET 811- SYNTHETIC THINNER

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

**Product name** 811- SYNTHETIC THINNER  
**Description** Synthetic thinner for solvent borne paints.

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

**Identified uses** Used as a thinner to thin each type of solvent borne paints for brush, roller and spray applications and to clean painting tools.

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

**Supplier** DYO Boya Fabrikaları San. ve Tic. A.Ş  
D.O.S.B 2.Kısım Fırat Cad. No:11 Dilovası/Kocaeli/Turkey  
www.dyo.com.tr  
02627547560  
02627547571

**Contact person** Elvan Sağlam

**Manufacturer** DYO Boya Fabrikaları San.ve Tic. A.Ş  
Atatürk Organize Sanayi Bölgesi 10003 Sok. No:2 35620 Çiğli/İzmir/Turkey  
02323280880  
02323768055  
www.dyo.com.tr

#### 1.4. Emergency telephone number

**Emergency telephone** 02627547560 / 02624440396 02323280880

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC/1272/2008)

**Physical hazards** Flam. Liq. 3 - H226  
**Health hazards** STOT SE 3 - H336 Asp. Tox. 1 - H304  
**Environmental hazards** Aquatic Chronic 2 - H411

#### 2.2. Label elements

##### Pictogram



**Signal word**

Danger

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<b>Hazard statements</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing vapour/ spray. P271 Use only outdoors or in a well-ventilated area. 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/ doctor. 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. P331 Do NOT induce vomiting. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 Collect spillage. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.
<b>Contains</b>	SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.;	95-100%
STRAIGHT RUN KEROSENE	

CAS number: 64742-88-7

EC number: 265-191-7

##### Classification

Flam. Liq. 3 - H226

STOT SE 3 - H336

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

**General information** Get medical attention if any discomfort continues.

**Inhalation** Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

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<b>Ingestion</b>	Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	No specific requirements are anticipated under normal conditions of use.

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

<b>General information</b>	Not dangerous under normal conditions. Get medical attention if any discomfort continues, and take this SDS with you.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> . Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Risk of re-ignition after fire has been extinguished. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use special protective clothing. Regular protection may not be safe. Cool containers exposed to flames with water until well after the fire is out. Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material. Control run-off water by containing and keeping it out of sewers and watercourses.
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<b>Special protective equipment for firefighters</b>	Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment. Collect and dispose of spillage as indicated in Section 13.
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### 6.3. Methods and material for containment and cleaning up

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### Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin or inhalation of spillage, dust or vapour. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery.

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Do not eat, drink or smoke when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation. Persons with impaired lung function should not handle this product..

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

#### Storage precautions

Keep separate from food, feedstuffs, fertilisers and other sensitive material. Avoid contact with oxidising agents. Take precautionary measures against static discharges. Store in tightly-closed, original container in a well-ventilated place. Store between 5 and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Containers, which are opened should be properly resealed and kept upright to prevent leakage.

#### Storage class

Chemical storage.

### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours.

#### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

#### Hand protection

Use protective gloves.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

#### Hygiene measures

Provide eyewash station. Wash promptly if skin becomes contaminated. Contaminated clothing should be placed in a closed container for disposal or decontamination. Warn cleaning personnel of any hazardous properties of the product. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. When using do not eat, drink or smoke.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

#### SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

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<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	No information required.
<b>pH</b>	Technically not feasible.
<b>Melting point</b>	Technically not feasible.
<b>Initial boiling point and range</b>	140 - 220 °C
<b>Flash point</b>	38°C CC (Closed cup).
<b>Evaporation rate</b>	No specific test data are available.
<b>Evaporation factor</b>	No specific test data are available.
<b>Flammability (solid, gas)</b>	No specific test data are available.
<b>Upper/lower flammability or explosive limits</b>	LEL : 0,21% volume / UEL : 2,8% volume
<b>Other flammability</b>	No specific test data are available.
<b>Vapour pressure</b>	<200 mmHg at 38°C
<b>Vapour density</b>	No specific test data are available.
<b>Relative density</b>	Technically not feasible.
<b>Bulk density</b>	0,77 - 0,79 g/cm <sup>3</sup> , 25°C
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No specific test data are available.
<b>Auto-ignition temperature</b>	No specific test data are available.
<b>Decomposition Temperature</b>	Technically not feasible.
<b>Viscosity</b>	Technically not feasible.
<b>Explosive properties</b>	Technically not feasible.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	There are no chemical groups present in the product that are associated with oxidising properties.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

**Volatile organic compound** < 780 g/L (Teorik)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Keep away from oxidizing agents, strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

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### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid contact with strong oxidising agents. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Strong alkalis. Strong acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide (CO). Oxides of carbon. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

**Other health effects** There is no evidence that the product can cause cancer.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Repeated exposure may cause chronic eye irritation.

#### Respiratory sensitisation

**Respiratory sensitisation** Vapour from this chemical can be hazardous when inhaled. Gas or vapour at high concentrations may irritate respiratory system.

#### Skin sensitisation

**Skin sensitisation** Repeated exposure may cause skin dryness or cracking.

### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause drowsiness or dizziness.

**Target organs** Central nervous system

#### Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

### Toxicological information on ingredients.

#### SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 15,000.0

**Species** Rat

**ATE oral (mg/kg)** 15,000.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 3,400.0

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<b>Species</b>	Rabbit
<b>ATE dermal (mg/kg)</b>	3,400.0
<b><u>Acute toxicity - inhalation</u></b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)</b>	1.58
<b>Species</b>	Rat

### SECTION 12: Ecological Information

#### 12.1. Toxicity

##### Ecological information on ingredients.

#### SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN Kerosine

<b>Acute toxicity - fish</b>	10 mg/l; 96 sa
<b>Acute toxicity - aquatic invertebrates</b>	10 mg/l; 48 sa
<b>Acute toxicity - aquatic plants</b>	4,6 mg/l; 72 sa

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** No specific test data are available.

#### 12.4. Mobility in soil

**Mobility** The product contains substances which are insoluble in water and which may spread on water surfaces.

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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Dispose of empty containers in accordance with national regulations. International Disposal Code of product : 080111 International Disposal code of containers : 150110
<b>Disposal methods</b>	Burning
<b>Waste class</b>	H3-B H-5

### SECTION 14: Transport information

#### 14.1. UN number

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UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT (CONTAINS SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE)
Proper shipping name (ICAO)	PAINT
Proper shipping name (ADN)	PAINT

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30



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Tunnel restriction code (D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

**EU legislation**

Dangerous Preparations Directive 1999/45/EC.  
Dangerous Substances Directive 67/548/EEC.  
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

### SECTION 16: Other information

**Revision comments** This is first issue.

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**SDS number** 20457

**Hazard statements in full** H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.