

## **SAFETY DATA SHEET**

According to Regulation (EC) No. 2015/830

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

#### **1.1. Product identifier**

**Code** MS 82  
**Product name** ISONEM MS 82

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

**Intended use** Anti – Moisture paint, interior and exterior walls

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

**Name** ISONEM BOYA VE YALITIM TEKNOLOJILERI INS. SAN. TIC. A.S.  
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Tel. +90 232 799 04 95  
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**e-mail address of competent person  
responsible for safety data sheet** isonem@isonem.com.tr

#### **1.4. Emergency telephone number**

**For urgent inquiries refer to** +90 232 799 04 95

### **SECTION 2. Hazards identification**

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

Classification according to Regulation (EC) No 1272/2008 and amendments

##### **2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments**

Information not available.

#### **2.2. Label elements**

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.



<b>Signal words:</b>	<b>Danger</b>
<b>H226</b>	Flammable liquid and vapour.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H336</b>	May cause drowsiness or dizziness
<b>H411</b>	Toxic to aquatic life with long lasting effects
<b>EUH066</b>	Repeated exposure may cause skin dryness or cracking.

<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
<b>P261</b>	Avoid breathing dust/ fume/ gas/ mist/vapours/spray.
<b>P273</b>	Avoid release to the environment.
<b>P301 + P310</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
<b>P311</b>	Do NOT induce vomiting.
<b>P370 + P378</b>	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### 2.3. Other hazards

Information not available.

## SECTION 3. Composition/information on ingredients

### 3.1. Substances

Information not relevant.

### 3.2. Mixtures

Component	CAS No.	EC No.	%	Classification (EC) No 1272/2008 (CLP)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics	64742-82-1	-	2 – 25	-
Xylene	1330-20-7	215-535-7	10 – 30	-
Ethylbenzene	100-41-4	202-849-4	2 – 6	-

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

<b>In case of excessive inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>In case of contact with skin</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if adverse health effects persist or are severe. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**In case of contact with eyes**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**In case of ingestion**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison centre or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

**In case of excessive inhalation**

Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

**In case of contact with skin**

Causes mild skin irritation.

**In case of contact with eyes**

Causes serious eye irritation.

**In case of ingestion**

Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

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

**Notes to physician**

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments**

No specific treatment.

**Protection of first-aiders**

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**SECTION 5. Firefighting measures**

**5.1. Extinguishing media**

**Suitable Extinguishing Equipment**

Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable Extinguishing Equipment**

Do not use water jet.

**Specific hazards arising from the chemical**

Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products**

Decomposition products may include the following materials:

carbon dioxide

carbon monoxide

**Special protective actions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Hazchem code**

3Y

### 5.3. Advice for firefighters

#### Special equipment to protect firefighters

Independent fire extinguisher on compressed air, a full fire-fighting equipment to protect the body.

## SECTION 6. Accidental release measures

### 6.2. Environmental precautions

#### Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

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

#### Small spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Large spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8. Exposure controls/personal protection

<b>Respiratory protection</b>	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
<b>Eye protection</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
<b>Skin protection</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

## SECTION 9. Physical and chemical properties

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

Appearance	<b>Liquid</b>
Colour	White
Odour	Not available
Odour threshold.	Not available
pH	Not available
Melting point / freezing point.	Not available
Initial boiling point.	Not available
Boiling range.	Not available
Flash point.	> 24
Evaporation Rate	Not available
Flammability of solids and gases	Not available
Lower inflammability limit.	Not available
Upper inflammability limit.	Not available
Lower explosive limit.	Not available
Upper explosive limit.	Not available
Vapour pressure.	Not available
Vapour density	Not available
Relative density.	1.50 ± 0,1
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature.	Not available
Decomposition temperature.	Not available
Viscosity	2000 - 4000
Explosive properties	Not available
Oxidising properties	Not available

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

#### 10.2. Chemical stability

The product is stable.

#### 10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

#### 10.4. Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

#### 10.5. Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11. Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

Not available.

##### Irritation/Corrosion

Not available.

##### Sensitisation

Not available.

##### Mutagenicity

Not available.

##### Carcinogenicity

Not available.

##### Reproductive toxicity

Not available.

##### Teratogenicity

Not available.

##### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Category 3	Not applicable.	Narcotic effects

##### Specific target organ toxicity (repeated exposure)

Not available.

##### Aspiration hazard

Name	Result
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	ASPIRATION HAZARD - Category 1

##### Information on the likely routes of exposure

Not available.

##### Potential acute health effects

Eye contact	Causes serious eye irritation.
Inhalation	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
Skin contact	Causes mild skin irritation.
Ingestion	Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

##### Symptoms related to the physical, chemical and toxicological characteristics

<b>Eye contact</b>	Adverse symptoms may include the following: pain or irritation watering redness
<b>Inhalation</b>	Adverse symptoms may include the following: respiratory tract irritation coughing nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
<b>Skin contact</b>	Adverse symptoms may include the following: irritation redness
<b>Ingestion</b>	No specific data.
<b>Skin protection</b>	In normal conditions wear clothes made of cotton and suitable footwear. In case the possibility of outflow is high, use the clothes and footwear resistant to chemicals (PVC, rubber).

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

Potential immediate effects	Not available.
Potential delayed effects	Not available.

**Long term exposure**

Potential immediate effects	Not available.
Potential delayed effects	Not available.

**Potential chronic health effects**

Not available.	
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

**Numerical measures of toxicity**

<b>Acute toxicity estimates</b>	Not available.
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**SECTION 12. Ecological information**

**12.1. Toxicity**

Not available.

**12.2. Persistence and degradability**

Not available.

**12.3. Bio accumulative potential**

Product/ingredient name	Log P <sub>ow</sub>	BCF	Potential
2-methylpropan-1-ol	1	-	low

**12.4. Mobility in soil**

Soil/water partition coefficient (K <sub>oc</sub> )	Not available.
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Other adverse effects

No known significant effects or critical hazards.

## SECTION 13. Disposal considerations

### Disposal methods:

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14. Transport information

REGULATION	UN NUMBER	PROPER SHIPPING NAME	CLASSES	PG*	LABEL	ADDITIONAL INFORMATION
ADG	UN1263	Paint	3	III		<b>Hazchem code</b> 3Y
ADR	UN1263	Paint	3	III	 	The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg. <b>Special provisions</b> 640 (E) <b>Tunnel code</b> (D/E)
IMDG	UN1263	Paint	3	III	 	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. <b>Emergency schedules (EmS)</b> F-E, S-E
IATA	UN1263	Paint	3	III		The environmentally hazardous substance mark may appear if required by other transportation regulations.

PG\*: Packing group

## SECTION 15. Regulatory information

### Safety, health and environmental regulations specific for the product

No known specific national and/or regional regulations applicable to this product (including its ingredients).

### Standard Uniform Schedule of Medicine and Poisons

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### Control of Scheduled Carcinogenic Substances

<b>Australia inventory (AICS)</b>	All components are listed or exempted.
<b>EU Classification</b>	R10 Xi; R37 R66, R67 N; R51/53
<b>HCS Classification</b>	Combustible liquid Irritating material Carcinogen Target organ effects

## SECTION 16. Other information

### History

<b>Date of issue</b>	30.03.2018
<b>Previous date</b>	28.01.2016
<b>Version</b>	2

### Note for users

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper use.