

According to Regulation (EU) No 2015/830

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ISONEM MS 82

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

Identified uses Anti-Moisture Paint

1.3. Details of the supplier of the safety data sheet

Supplier ISONEM BOYA VE YALITIM TEKNOLOJILERI INS. SAN. TIC. A.S.
ITOB OSB 10001 Sk. No:20 Tekeli 35470 Menderes / Izmir / TURKEY
Tel : +90 232 799 04 95
Fax : +90 232 437 01 33
E-mail : isonem@isonem.com.tr

Contact Person Gizem GUNER

1.4. Emergency telephone number

TEL: +90 232 799 04 95

2. SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Mixture.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Physical and chemical hazards Flam. Liq. 3 - H226
Human health EUH066, STOT SE 3 - H336, Asp. Tox. 1 - H304
Environment Aquatic Chronic 2- H411

2.2. Label elements

Hazard pictograms :



Signal word : Danger

Hazard statements :

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.

Precautionary statements :

P210 Keep away from open flames and hot surfaces. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulations.

Supplemental Label Information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Ingredients : hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

2.3. Other hazards

None known.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

ISONEM MS 82**3.1. Substances**

Mixture.

3.2. Mixtures

Identification	EC No.	Cas No.	Conc. (a/a, %)	Classification (1272/2008 CLP)
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-446-0	64742-80-9	>= 90 - <= 100	Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

4. SECTION 4: First aid measures**4.1. Description of first aid measures**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Keep away from heat, sparks and open flame.

Eye contact : Promptly rinse eyes with plenty of clean water while lifting the eyelids. Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination. Get immediate medical attention.

Inhalation : Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Skin contact : Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing. Launder clothing before reuse.

Ingestion : DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

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

No specific data.

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

No specific data. Follow doctor's orders.

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

Suitable extinguishing media : Extinguish with water spray, foam, carbon dioxide, dry powder, sand, dolomite or other inert material.

Unsuitable extinguishing media : Water with full jet.

5.2. Special hazards arising from the substance or mixture

Vapours may form explosive mixture with air at room temperature. Vapours are heavier than air and may spread near ground to sources of ignition. Decomposition / combustion products include: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

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

Use personal protective equipment. More information about personal precautions available in section 8.

6.2. Environmental precautions

Do not allow spilt material to enter drains or water courses. Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable inert absorbent material. Prevent further spillage if safe to do so. In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, sand, diatomaceous earth or other inert absorbent material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

7. SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact. Use only with adequate ventilation. Do not breathe vapour or mist. Keep away from heat, sparks or flame. Containers and equipment must be bonded to avoid static discharge. Use only electrical equipment suitable for explosive atmospheres.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store away from oxidising materials, acids and bases or damp conditions.

7.3. **Specific end use(s)**
 Flammable liquid storage.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **Control parameters**

Name	STD	TWA – 8 Hrs
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	WEL	350 mg/m ³

WEL = Workplace Exposure Limit.

8.2. **Exposure controls**



- Hygiene measures** : DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
- Eye/face protection** : Safety glasses.
- Hand protection** : Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and thoroughly dried and a suitable moisturiser applied.
- Skin and body** : Working clothes.
- Respiratory protection** : If ventilation is insufficient suitable respiratory protection must be provided. Seek advice and recommendations of the manufacturer or supplier of equipment

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

- Appearance** : Liquid
- Colour** : White
- Odour** : Hydrocarbon
- Odour threshold** : Not available
- Solubility** : Not available
- Boiling point** : Not available
- Melting point** : Not available
- pH Value (aqueous solution)** : Not applicable
- Flash point** : > 24°C
- Evaporation rate** : Not available
- Flammability of solids and gases** : Not applicable
- In flammability limit** : Not applicable
- Density** : 1,50 ± 0,10
- Decomposition temperature** : Not applicable
- Viscosity** : 2000 – 4000 mPa.s
- Partition coefficient: n-octanol/water** : Not applicable
- Explosive properties** : Not available
- Oxidizing properties** : Not available

9.2. **Other information**
 Information not available.

10. SECTION 10: STABILITY AND REACTIVITY

10.1. **Reactivity**

No dangerous reaction known under conditions of normal use.

10.2. **Chemical stability**

Avoid contact with acids and oxidising substances. Avoid heat, flames and other sources of ignition.

10.3. **Possibility of hazardous reactions**

None under normal conditions.

ISONEM MS 82**10.4. Conditions to avoid**

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition productsFires or excessive heat may give off toxic fumes and gases. Decomposition products may include carbon monoxide (CO) and carbon dioxide (CO₂).**11. SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****11.1.1. Acute toxicity**

Harmful if swallowed accidentally. Can cause severe irritation of mucous membranes and the respiratory tract. Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Absorption can cause narcosis, intoxication and pulmonary oedema

11.1.2. Skin corrosion/irritation

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

11.1.3. Serious eye damage / eye irritation

May cause severe irritation to eyes.

11.1.4. Respiratory or skin sensitization

Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

11.1.5. Germ cell mutagenicity

No data known.

11.1.6. Carcinogenicity

No data known.

11.1.7. Reproductive toxicity

No data known.

11.1.8. Specific target organ toxicity (single exposure)

No data known.

11.1.9. Specific target organ toxicity (repeated exposure)

No data known.

11.1.10. Aspiration hazard

No data known.

11.1.11. Further toxicological information

No data known.

12. SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. This material should not be allowed into drains, sewers or other water courses.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bio accumulative potential

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

12.4. Mobility in soil

Moderately volatile liquid which may spread given a large surface area of water. The product has limited mobility in soil but will slowly evaporate from the surface.

12.5. Results of PBT and vPvB assessment

The mixture does not satisfy the PBT or vPvB criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

12.6. Other adverse effects

Information not available.

13. SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Empty containers may contain residual product and flammable vapours. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Product is hazardous waste. Do not allow into drains, sewers or water courses. Disposal must be by means of a licensed waste contractor.

14. SECTION 14: TRANSPORT INFORMATION**14.1. UN Number****UN No. (ADR/RID/ADN)**

UN 1263

UN No. (IMDG)

UN 1263

ISONEM MS 82

UN. No (ICAO)	UN 1263
14.2. UN proper shipping name	
PAINT	
14.3. Transport hazard class(es)	
ADR/RID/ADN Class	3
ADR/RID/ADN Class	3
ADR Label No	3
IMDG Class	3
ICAO Class	3
Transport Labels	



14.4. Packing group	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III
14.5. Environmental hazards	
Environmentally hazardous substance / Marine pollutant	
Yes.	
14.6. Special precautions for user	
EMS	F-E, S-E
Hazchem Kodu	•3YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Not applicable for product as supplied.	

15. SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
REACH - List of substances subject to authorisation (Annex XIV): Not applicable
REACH - List of substances subject to authorisation - Future sunset date: Not applicable
- 15.2. Chemical Safety Assessment**
No data available.

16. SECTION 16: OTHER INFORMATION**Full text of abbreviated H statements**

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.
EUH066 Repeated exposure may cause skin dryness or cracking.

Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard
Eye Irrit. : Eye irritation
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

Full text of classifications [CLP/GHS]

Not applicable.

Abbreviations and acronyms

ADR : The European Agreement concerning the International Carriage of Dangerous Goods by Road
AND : European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
Cas No : Chemical Abstracts Service
EC No : European Community Number
IATA : International Air Transport Association
ICAO-TI : Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG : International Maritime Dangerous Goods Code
UN : United Nations
MARPOL 73/78: The International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78)

ATE : Acute Toxicity Estimate
CLP : Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL : Derived Minimal Effect Level
DNEL : Derived No Effect Level
EUH statement: CLP-specific Hazard statement
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
RRN : REACH Registration Number
vPvB : Very Persistent and Very Bioaccumulative

Sources of key data

Literature data and/or investigation reports are available through the manufacturer.

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 us.

History

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