

## **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 80  
**Product name** ISONEM MS 80

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

**Intended use** One component, transparent, penetrating silane/siloxane hydrophobic impregnated.

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

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**e-mail address of competent person  
responsible for safety data sheet**

#### **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**

Flammable liquids : Category 3  
Skin corrosion/irritation : Category 2  
Specific target organ toxicity : Category 3 (Central nervous system)  
-single exposure  
Aspiration hazard : Category 1  
Chronic aquatic toxicity : Category 2

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

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



**Signal words: Danger**

## Hazard phrases (H-phrases)

<b>H226</b>	Flammable liquid and vapour.
<b>H304</b>	May be fatal if swallowed and enters airways.
<b>H315</b>	Causes skin irritation.
<b>H336</b>	May cause drowsiness or dizziness
<b>H411</b>	Toxic to aquatic life with long lasting effects.

## Precautionary statements

<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
<b>P233</b>	Keep container tightly closed.
<b>P240</b>	Ground/bond container and receiving equipment.
<b>P241</b>	Use explosion-proof electrical/ ventilating/ lighting/equipment.
<b>P242</b>	Use only non-sparking tools.
<b>P243</b>	Take precautionary measures against static discharge.
<b>P261</b>	Avoid breathing dust/fume/gas/mist/vapours/spray.
<b>P264</b>	Wash skin thoroughly after handling.
<b>P271</b>	Use only outdoors or in a well-ventilated area.
<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves/ eye protection/ face protection.
<b>P301 + P310</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
<b>P303 + P361 + P353</b>	IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
<b>P304 + P340 + P312</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
<b>P331</b>	Do NOT induce vomiting.
<b>P332 + P313</b>	If skin irritation occurs: Get medical advice/ attention.
<b>P362</b>	Take off contaminated clothing and wash before reuse.
<b>P370 + P378</b>	In case of fire: Use CO <sub>2</sub> , dry chemical, or foam for extinction.
<b>P391</b>	Collect spillage.
<b>P403 + P233</b>	Store in a well-ventilated place. Keep container tightly closed
<b>P403 + P235</b>	Store in a well-ventilated place. Keep cool.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents/ container to an approved waste disposal plant.

**2.3. Other hazards**

Information not available.

**SECTION 3. Composition/information on ingredients****3.1. Substances**

Mixture

**3.2. Mixtures**

Component	CAS No.	EC No.	%
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	64742-49-0	-	>= 90 - <= 100

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

<b>In case of excessive inhalation</b>	Move to fresh air. Consult a physician after significant exposure.
<b>In case of contact with skin</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
<b>In case of contact with eyes</b>	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
<b>In case of ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing equipment</b>	Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical
<b>Unsuitable extinguishing equipment</b>	Water.
<b>Specific hazards during firefighting</b>	Do not allow run-off from firefighting to enter drains or water courses.
<b>Hazardous combustion products</b>	No hazardous combustion products are known

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

#### Specific methods of extinguishing fire

Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### 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

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

<b>Personal precautions</b>	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods of cleaning up</b>	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
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## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

#### Personal precautions

Use explosion-proof equipment. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.

#### Advice on safe handling

Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8).

Do not get in eyes, on skin, or on clothing.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

Take precautionary measures against static discharge.

Open drum carefully as content may be under pressure.

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

Follow standard hygiene measures when handling chemical products

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

#### Technical measures and conditions

Store in original container.

Keep in a well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions.

Store in accordance with local regulations.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### Respiratory protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

#### Hand protection

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.

#### Eye protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

#### Skin protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

## SECTION 9. Physical and chemical properties

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

Appearance	Liquid
Colour	Colourless
Odour	Not available
Odour threshold.	Not available
pH	Not applicable
Melting point / freezing point.	Not available
Initial boiling point.	Not available

Boiling range.	Not available
Flash point.	> 38
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.	0,75 ± 0,1
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature.	Not available
Decomposition temperature.	Not available
Viscosity	0 - 500
Explosive properties	Not available
Oxidising properties	Not available

## **SECTION 10. Stability and reactivity**

### **10.1. Reactivity**

Stable - when used in accordance with the instructions.

### **10.2. Chemical stability**

The product is stable under conditions in accordance with the instructions and proper storage.

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

Stable under recommended storage conditions. Vapours may form explosive mixture with air.

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

Heat, flames and sparks.

### **10.5. Incompatible materials**

No data available

### **10.6. Hazardous decomposition products**

No decomposition if stored and applied as directed.

## **SECTION 11. Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute toxicity:**

No data available

#### **Skin corrosion/irritation**

Causes skin irritation.

#### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

#### **Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

May be fatal if swallowed and enters airways.

## SECTION 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.6. Other adverse effects

Toxic to aquatic life with long lasting effects.

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

## SECTION 14. Transport information

	UNRTDG	Transport by sea – IMDG:	Air transport ( IATA ):
14.1. UN number	1263	1263	1263
14.2. UN proper shipping name	PAINT	PAINT	PAINT
14.3. Transport hazard class(es)	3	3	3
14.4. Packing group	III	III	III
Label	3	3	3
Packing instruction (cargo aircraft)	-	-	366

<b>Packing instruction (passenger aircraft)</b>	-	-	355
<b>EmS Code</b>	-	F-E, S-E	-
<b>Marine pollutant</b>	-	No	-

## SECTION 15. Regulatory information

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

<b>Notification of Ministry of Interior on Working Safety Relating to Hazardous Chemicals B.E. 2534</b>	-
<b>International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors</b>	Not applicable
<b>Hazardous Substance Act B.E. 2535</b>	Not applicable
<b>Emergency Decree on Controlling the Use of Volatile Substances B.E. 2533</b>	Not applicable

## SECTION 16. Other information

History  
Date of issue: 30-03-2018  
Previous date: 28-01-2016  
Version: 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.