

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** IZONET 911**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Non-Slip Solution**1.3. Details of the supplier of the safety data sheet****Supplier**

INKIM INSAAT KIMYASALLARI SAN. TIC. A.S..

Maslak Mah. Maslak Meydan Sk. A Blok Sitesi Beybi Giz Plaza Blok No:1 İc Kapi No: 55 Sarıyer/İSTANBUL

Tel : 0850 307 41 69

Faks : 0850 522 34 03

e-mail : info@inkimkimya.com.tr**Contact Person** Bilgin AKTAS**1.4. Emergency telephone number**

TEL: +90 850 307 41 69

2. SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Mixture.

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

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements**Hazard pictograms** :

Hazard Determining Component for Label: Ammonium bifluoride hazard signs

**Signal word** : Danger**Hazard statements** : H301: Toxic if swallowed.

H314: Causes severe skin burns and eye damage.

Precautionary statements : **Precautionary Measures**

- P260: Do not breathe dust/fume/gas/mist/vapors/spray.
- P264: Wash thoroughly with plenty of water after handling.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

- P301+310: If swallowed: Call the National Poison Control Center (NCC) at 114 or a doctor/physician.
- P321: Special treatment required (see label)

Disposal

- P501: Dispose of contents/container in accordance with the "Hazardous Waste Disposal Regulations." Do not dispose of with household waste. Prevent from reaching sewer system.

2.3. Other hazards

None known.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Mixture.

3.2. Mixtures

Madde	Cas No	EC No	Konsantrasyonlar (%)	Sınıflandırma SEA
Amonyum Biflorür	215-676-4	1341-49-7	10-20	Akut Tok. (Yutma) 3; H301 Cilt Aşnd. 1B; H314

4. SECTION 4: First aid measures



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4.1. Description of first aid measures

- Eye contact** : Wash immediately with plenty of water at least 15 minutes. Seek medical advice.
Inhalation : Move to fresh air. If breathing is irregular, seek medical advice.
Skin contact : Wash immediately with plenty of water. Remove contaminated clothing.
Ingestion : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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 : Carbon dioxide, foam, powder and nebulised water.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc.).

5.3. Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7. SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Store in closed, labelled containers.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Keep from freezing – product stability may be affected. Should be stored between +5°C and +35°C.

7.3. Specific end use(s)

Information not available.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Information not available.

8.2. Exposure controls

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection : Avoid direct contact with eyes and skin. Wear protective goggles.

Hand protection : Use protective gloves

Skin and body : Working clothes.

Respiratory protection : No special protection is required.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance : Liquid

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Colour	:	Colourless
Odour	:	Characteristic
Odour threshold	:	Not available
Solubility	:	Soluble in water
Boiling point	:	Not available
Melting point	:	Not available
pH Value	:	4.0 – 5.0
Flash point	:	Not applicable
Evaporation rate	:	Not available
Flammability of solids and gases	:	Not applicable
In flammability limit	:	Not applicable
Density	:	1,05 ± 0.10
Decomposition temperature	:	Not available
Viscosity	:	> 70000 mPas
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**
There are no particular risks of reaction with other substances in normal conditions of use.
- 10.2. **Chemical stability**
The product is stable in normal conditions of use and storage.
- 10.3. **Possibility of hazardous reactions**
No hazardous reactions are foreseeable in normal conditions of use and storage.
- 10.4. **Conditions to avoid**
Protect from hot and cold.
- 10.5. **Incompatible materials**
There are no known materials which are incompatible with this product.
- 10.6. **Hazardous decomposition products**
Does not decompose when used for intended uses.

11. SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. **Information on toxicological effects**
- 11.1.1. **Acute toxicity**
- | | | |
|----------------------------------|------------------------|--------------------------------|
| Acute Oral Toxicity | LD50 >5000 mg/kg (rat) | <i>Method: EEC 84/449,B.1</i> |
| Acute Dermal Toxicity | Non-irritant (Rabbit) | <i>Method : EEC 84/449,B.4</i> |
| Acute Inhalation Toxicity | LC50 > 2,25 mg/l (Rat) | <i>Method: OECD 400</i> |
- 11.1.2. **Skin corrosion/skin irritation**
Non-irritant (Rabbit) *Method: EEC 84/449,B.4*
- 11.1.3. **Serious eye damage/irritation**
Non-irritant. *Method: EEC 84/449,B.5*
- 11.1.4. **Respiratory or skin sensitization**
Non-sensitizing.
- 11.1.5. **Germ cell mutagenic**
All in vitro genotoxicity tests were negative.
- 11.1.6. **Carcinogenicity**
Carcinogenic potential is not expected.
- 11.1.7. **Specific target organ toxicity (single exposure)**
Based on available data the classification criteria are not met.
- 11.1.8. **Specific target organ toxicity (repeated exposure)**
Based on available data the classification criteria are not met.
- 11.1.9. **Aspiration hazard**
Not applicable.

12. SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity**
- | | | |
|---|---|-------------------------|
| Fish Toxicity | LC ₅₀ >100 mg/l (96 h,Fish) | <i>Method: OECD 203</i> |
| Daphnia and other aquatic invertebrates | Chronic Toxicity: No data available
EC ₅₀ >100 mg/l Daphnia magna (24 h) | <i>Method: OECD 202</i> |



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	Chronic Toxicity: No data available
Aquatic plants	EC ₅₀ > 100 mg/l <i>Desmodesmus subspicatus</i> (72 h) <i>Method: OECD 201</i>
Bacterial toxicity	EC ₅₀ approximately 1.000 mg/l <i>Method: OECD 209</i>
12.2. Persistence and degradability	
Biodegradability	>80, <i>Method: OECD 301 B</i>
12.3. Bio accumulative potential	
Not potentially bioaccumulable.	
12.4. Mobility in soil	
Do not allow to penetrate the sewers, surface water, groundwater.	
12.5. Results of PBT and vPvB assessment	
This mixture does not meet the PBT/ vPvB criteria of REACH, Annex XIII.	
12.6. Other adverse effects	
Information not available.	

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. SECTION 14: TRANSPORT INFORMATION

14.1. UN Number	
UN No. (ADR/RID/ADN)	Not regulated as a dangerous good.
UN No. (IMDG)	Not regulated as a dangerous good.
UN No. (ICAO)	Not regulated as a dangerous good.
14.2. UN proper shipping name	
Not regulated as a dangerous good.	
14.3. Transport hazard class(es)	
Not regulated as a dangerous good.	
14.4. Packing group	
Not regulated as a dangerous good.	
14.5. Environmental hazards	
Not regulated as a dangerous good.	
14.6. Special precautions for user	
Not regulated as a dangerous good.	
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Not regulated as a dangerous good.	

15. SECTION 15: REGULATORY INFORMATION

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

The product doesn't need to be classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 [CLP].

15.2. Chemical Safety Assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

16. SECTION 16: OTHER INFORMATION

Full text of abbreviated H statements

Not applicable.

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



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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 use.

History

Date of printing : 01.03.2023

Date of issue : 01.03.2023

Version : 00