

### Section 1: Chemical Product and Company Identification

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| Manufacturer         | INDUSTRIAL CONTROL FACTORY                                                         |
| Address              | 36 Street, 1 <sup>st</sup> Industrial City, Oyouun, Al Ahsa, Eastern Province, KSA |
| Product Name         | VALVE SEALANT #211                                                                 |
| Product Code         | ICF-WVS                                                                            |
| Chemical Name        | N/A – Mixture                                                                      |
| CAS#                 | Mixture                                                                            |
| In Case of Emergency | +966 13 592 5454                                                                   |
| Uses                 | HEAVY-DUTY SEALANT FOR WELLHEAD VALVES.                                            |

### Section 2: Composition and Information on Hazardous Ingredients

|                       |                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Physical hazards      | Not classified                                                                                                                     |
| Health hazards        | Not classified                                                                                                                     |
| Environmental hazards | Hazardous to the aquatic environment, acute Category 3 hazard<br>Hazardous to the aquatic environment, Category 3 long-term hazard |
| Label elements        | Hazard symbol      None<br>Signal word      None<br>Hazard statement      Harmful to aquatic life with long lasting effects        |



|                          |                                                                                                                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary statement  | Prevention      Avoid release to the environment.<br>Response      Wash hands after handling.<br>Storage      Store away from incompatible materials.<br>Disposal      Dispose of waste and residues in accordance with local authority requirements |
| Other hazards            | None known                                                                                                                                                                                                                                           |
| Supplemental information | MSDS data pertains to the product as dispensed from the container.<br>Adverse health effects would not be expected under normal conditions of use, so long as recommended safety precautions are practiced.                                          |

### Section 3: Hazards Identification

|                      |                                                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact          | May cause tearing, redness, blurred vision, and irritation                                                                       |
| Skin Contact         | May cause drying of skin, irritation, and dermatitis                                                                             |
| Skin Absorption      | Absorption through intact skin not anticipated to be route of entry.<br>Prolonged or repeated skin contact may cause irritation. |
| Inhalation           | No significant hazard.                                                                                                           |
| Ingestion            | May cause gastrointestinal irritation, nausea, vomiting, and diarrhea                                                            |
| Sensitization        | Not a sensitizer under normal conditions                                                                                         |
| Mutagenic Effects    | No data                                                                                                                          |
| Reproductive Effects | No data                                                                                                                          |

### Section 4: First aid measures

|              |                                                                      |
|--------------|----------------------------------------------------------------------|
| Inhalation   | Move to fresh air<br>Call a physician if symptoms develop or persist |
| Ingestion    | Rinse mouth<br>Call a physician if symptoms develop or persist       |
| Skin contact | Remove contaminated clothing                                         |

## SAFETY DATA SHEET

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | Wash off with soap and water                                                                                                                                                                                       |
|                     | Call a physician if symptoms develop or persist                                                                                                                                                                    |
|                     | Accidental high pressure injection under skin requires immediate medical attention.                                                                                                                                |
| Eye contact         | Rinse with water.                                                                                                                                                                                                  |
|                     | Call a physician if symptoms develop or persist                                                                                                                                                                    |
| Special treatment   | Note: product contains polymer microparticles and<br>If the victim is conscious, induce vomiting and give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves                                                                                                    |

### Section 5: Fire and Explosion Hazards

|                                            |                                                                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flash Point (method)                       | 310°C                                                                                                                                                           |
| Auto-Ignition Temperature                  | Not applicable                                                                                                                                                  |
|                                            | Does not spontaneously ignite                                                                                                                                   |
| Flammable Limits in Air                    | Minimum N/A                                                                                                                                                     |
|                                            | Maximum N/A                                                                                                                                                     |
| Explosion Hazards                          | no explosion risk.                                                                                                                                              |
| Suitable extinguishing media               | Water fog<br>Foam<br>Dry chemical powder<br>Carbon dioxide (CO <sub>2</sub> )                                                                                   |
| Firefighting equipment/ instructions       | Move containers from the fire area if you can do so without risk.<br>Water fog can be used to keep containers cool and to flush spills away from fire exposure. |
| Unsuitable extinguishing media             | Water jet                                                                                                                                                       |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. Combustion products may include: carbon oxides, silicon oxides, fluorine compounds.                       |
| Special protective equipment               | Self-contained breathing apparatus and full protective clothing must be worn in case of fire                                                                    |
| Specific methods                           | Use standard firefighting procedures and consider the hazards of other involved materials                                                                       |
| General fire hazards                       | No unusual fire or explosion hazards noted.                                                                                                                     |

### Section 6: Accidental release measures

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Small Spill          | Recover free product. Add sand, earth, or some other suitable absorbent.                            |
|                      | Dispose of material in accordance with local regulations                                            |
| Large Spill          | Take care to keep products out of sewers and watercourses by dike or impounding.                    |
|                      | Advise the authorities if product has entered sewers, watercourses, or extensive land areas.        |
|                      | Absorb in vermiculite, dry sand or earth and place into containers.                                 |
|                      | Following product recovery, flush area with environmentally friendly degreaser.                     |
|                      | Never return spills to original containers for re-use.                                              |
| Personal precautions | Keep unnecessary personnel away.                                                                    |
| Protective equipment | For personal protection, see section titled "Exposure Controls and Personal Protection" of the SDS. |

## SAFETY DATA SHEET

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

### Section 7: Handling and storage

Precautions for safe handling

Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

### Section 8: Exposure Controls and Personal Protection

Engineering Controls

Use with adequate ventilation

Personal Protection

Eye

Splash proof eye protection.

Hands

Oil impervious gloves for prolonged or repeated skin contact.

Coverall

Suitable protective clothing

Legs

Standard safety boot with toe steel

### Section 9: Physical and Chemical Properties

Appearance

Blue, viscous, semi-solid,

Odor

mild odor

Vapor Pressure

No data

pH

Not applicable

Vapor Density (Air = 1)

No data

Boiling Point

No data

Odor Threshold

No data

Melting Point

No data

Evaporation Rate (Ether = 1)

No data

Specific Gravity (H<sub>2</sub>O = 1)

No data

Solubility in Water

Insoluble

Solubility (other)

Soluble in degreaser

### Section 10: Stability and Reactivity Data

Stability.

Stable

Non-reactive under normal conditions

Incompatibilities

Strong oxidizers and acids

Conditions to Avoid

Extreme heat

Hazardous Decomposition Products

No hazardous decomposition products are known

### Section 11: Toxicological Information

Routes of Entry

Eye, skin, ingestion.

Information on likely routes of exposure

Inhalation

No adverse effects due to inhalation are expected

Skin contact

Prolonged skin contact may cause irritation

Eye contact

Direct contact with eyes may cause irritation

Ingestion

May cause discomfort if swallowed.

Acute toxicity

Not expected to be acutely toxic.

Respiratory sensitization

Not a respiratory sensitizer.

Skin sensitization

This product is not expected to cause skin sensitization

Carcinogenicity

Not classifiable as to carcinogenicity to humans

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects

Aspiration hazard

Due to the physical form of the product it is not expected to be an aspiration hazard

### Section 12: Ecological information

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Ecological Toxicity           | Harmful to aquatic life                                              |
| Persistence and degradability | No data available on degradability of any ingredients in the mixture |
| Bio accumulative potential    | No data available                                                    |
| Mobility in soil              | Expected to have low mobility in soil                                |

### Section 13: Disposal considerations

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| Disposal instructions                 | Collect and reclaim or dispose in sealed containers.                              |
| Local disposal regulations            | Dispose in accordance with all applicable regulations                             |
| Contaminated packaging (pail or drum) | Empty containers should be taken to an approved waste handling site for recycling |

### Section 14: Transport Information

|      |                                   |
|------|-----------------------------------|
| TDG  | Not regulated as dangerous goods. |
| IATA | Not regulated as dangerous goods  |
| IMDG | Not regulated as dangerous goods  |

### Section 15: Regulatory information

|                                              |                                                  |   |
|----------------------------------------------|--------------------------------------------------|---|
| Hazardous Material Information System (HMIS) | Health                                           | 0 |
|                                              | Fire                                             | 1 |
|                                              | Reactivity                                       | 0 |
|                                              | Personal Protection                              | B |
| SARA Section 313                             | No ingredients subject to reporting requirements |   |
| Greenhouse Gases                             | Not listed                                       |   |
| Export Control List (CEPA 1999, Schedule 3)  | Not listed                                       |   |
| Controlled Drugs and Substances Act          | Not regulated                                    |   |

### Section 16: Other information

|               |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issue date    | February 27 <sup>th</sup> 2025                                                                                                                                                                                                                                                                                                                                                               |
| Version #     | 1                                                                                                                                                                                                                                                                                                                                                                                            |
| Revision date | NA                                                                                                                                                                                                                                                                                                                                                                                           |
| Disclaimer    | The information in this Article Information Sheet is believed to be correct as of the date issued. Users should make their own investigation to determine the suitability of the products for their respective purposes, given the variety of factors that can affect the use and application of the product and to ensure safe conditions for handling, storage and disposal of the product |