

Section 1: Chemical Product and Company Identification

Manufacturer	INDUSTRIAL CONTROL FACTORY
Address	36 Street, 1 st Industrial City, Oyouun, Al Ahsa, Eastern Province, KSA
Product Name	VALVE LUBRICANT HT #100
Product Code	ICF-VLHT
Chemical Name	N/A – Mixture
CAS#	Mixture
In Case of Emergency	+966 13 592 5454
Uses	PM and Lubrication of Ball and Gate Valve

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 Hazardous to the aquatic environment, Category 3 long-term hazard
Label elements	Hazard symbol None Signal word None Hazard statement Harmful to aquatic life with long lasting effects Prevention Avoid release to the environment. Response Wash hands after handling. Storage Store away from incompatible materials. 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. 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. 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 Call a physician if symptoms develop or persist
Ingestion	Rinse mouth Call a physician if symptoms develop or persist
Skin contact	Remove contaminated clothing Wash off with soap and water Call a physician if symptoms develop or persist Accidental high pressure injection under skin requires immediate medical attention.

SAFETY DATA SHEET

Eye contact	Rinse with water. Call a physician if symptoms develop or persist Note: product contains polymer microparticles and 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.
Special treatment	
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)	320°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 Foam Dry chemical powder Carbon dioxide (CO ₂)
Firefighting equipment/ instructions	Move containers from the fire area if you can do so without risk. 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.
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 (H₂O = 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

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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