



MATERIAL SAFETY DATA SHEET

JT-22004

JAZEERA RUST ACTIVATOR

Version No: 1 Revision Date: 04/01/2022

1. PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME	JAZEERA RUST ACTIVATOR
PRODUCT CODE	JT-22004
PRODUCT DESCRIPTION	See Technical Data Sheet
RECOMMEDED USE	See Technical Data Sheet

COMPANY IDENTIFICATION

COMPANY NAME:	JAZEERA FACTORY FOR PAINTS CO.
COUNTRY:	SAUDI ARABIA
CITY:	KHAMIS MUSHAYT.61961
P.O. BOX:	1900
TEL:	+ 966 17 221 1111
FAX:	+ 96617 238 2728

2. COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	CAS NO	R PHRASES	WT%
Ammonium Chloride	12125-02-9	-----	1-10 %
Copper Sulphate, pentahydrate	7758-99-8	-----	1-10 %

3. HAZARD IDENTIFICATION

HUMAN AND ENVIRONMENTAL HAZARDS:

Flammability:	Not Flammable
Effects of Exposure:	Heated product may produce inhalable
Skin Irritation:	Irritant (Causes skin irritation)
Eye Irritation:	Irritant (Causes serious eye irritation)
Breathing Irritations	May cause respiratory tract irritation



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4. FIRST AID MEASURES

Eyes Contact	Immediately flush eyes with fresh water at least 15 times. Seek medical attention.
Skin Contact	Wash with soap and water, remove contaminated clothing and launder before re-use.
Ingestion	If conscious, give plenty of water to drink do not induce vomiting Contact physician.
Inhalation	Remove to fresh air; give oxygen and/or artificial respiration if required. Contact a physician.
Others	Referral to a physician is recommended if there is any question about the seriousness or any injury

5. FIRE FIGHTING MEASURES

Flash Point	Not combustible.
Extinguishing Media	Water Jet, Dry Chemical, Foam.
Fire Fighting Procedure	Use self contained- breathing apparatus.
Unusual Fire/Explosion Hazard	Decomposition and composition product may be toxic.

6. ACCIDENT RELEASE MEASURES

SAFETY PRECAUTION

- Open enclosed spaces to outside atmosphere.
- Wear protective clothing, boots, gloves & eye protection.
- Consult the safety measures listed under headings 7 & 8.

SPILL RELEASE PROCEDURES:

Remove spillage by absorbing in nonreactive absorbent material.

WASTE DISPOSAL METHODS:

Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

7. HANDLING & STORAGE

Handling & Storage Precautions

Keep container closed upright when not in use. Store in cool, dry, well ventilated area.
Avoid storage temperature above 100 Degrees Fahrenheit.



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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection

Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely. Use air-line respirator in confined or restricted ventilation areas. Refer to 29 CFR, OSHA parts 1910, 1915, and 1916 for coating operations.

Ventilation

General mechanical and local exhaust in accordance with ACGI recommendations.

Protective Gloves

Wear impermeable gloves.

Eye Protection

Wear splash-proof chemical goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity	1.02±0.02 @ 25°C water=1
Odor	Mild odor.
Appearance	Translucent blue flowable liquid.
Viscosity	< 100 cps @ 25°C ASTM D-562
pH	2-5

10. STABILITY AND REACTIVITY

Stability	Stable
Stability Condition to Avoid	Elevated temperature
Materials to Avoid	Strong oxidization agents, mineral acids, and bases
Hazardous Decomposition Products	No known hazardous reactions.
Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Information on Toxic effects

Inhalation: Inhalation of mists or aerosols may produce respiratory irritation.

Skin contact: Contact with skin will result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.



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Eye contact: An eye irritant.

Acute Toxicity

Inhalation: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: Based on available data the classification criteria have not been met. This material has been classified as non-hazardous.

Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes).

Eye irritant (rabbit): Moderately irritating.¹

Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

Sensitisation: Inhalation: Based on available data this material has been classified as not a respiratory sensitiser.

Skin: Based on available data this material has been classified as not a skin sensitiser.

Aspiration hazard: Based on conclusive data this material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): Based on available data this material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity: Based on available data this material has been classified as non-hazardous.

Carcinogenicity: Based on available data this material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): Based on available data this material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): Based on available data this material has been classified as non-hazardous.



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12. ECOLOGICAL INFORMATION

Toxicity

Acute: This material has been classified as a Category Acute 1 Hazard. Acute toxicity estimate (based on ingredients): <1 mg/L

For COPPER SULPHATE, PENTAHYDRATE
48hr EC50 (*Daphnia magna*): 0.024 mg/L

Chronic: This material has been classified as a Category Chronic 1 Hazard. Acute toxicity estimate (based on ingredients): <1 mg/L

Persistence and degradability: The copper sulphate in this material is not expected to be rapidly degradable.

Bio-accumulative potential: No information available.

Mobility in soil: No information available.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATION

Spill Release Procedure

Avoid breathing of vapors or dust. Use absorbent clean-up materials or sweep up. Place in separate container. Keep out of public sewers & waterways. If entry is threatened or occurs, notify local authorities. Eliminate all sources of ignition.

Waste Disposal Methods

In separate closed metal container in accordance with all applicable regulations.

Handling & Storage Precautions

Keep container closed upright when not in use. Store in cool, dry, well ventilated area, avoid storage temperature above 100 Degrees Fahrenheit.

Other Precautions

Do not take internally, avoid prolonged breathing of vapors or dust or spray mist or contact with skin & eyes. Do not welds or flame cut an empty container, Ground containers when pouring? Destroy contaminated leather & absorbent shoes.



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14. TRASPORT INFORMATION

Not classified as "Hazardous for transport"

15. STATUTORY / REGULATORY INFORMATION

This preparation is classified in compliance with the directive known as " All preparations " 1999 / 45 / EC. In addition directive 2001 59 / EC with the 28 adaption of directive 67 / 548 / EC (Hazardous substances) have been taken into account

R Phrases

- R 36/38 Irritating to eye & skin
- R 43 May cause sensitization by skin contact.
- R 51/53 Toxic to aquatic organisms.

S Phrases

- S 7/9 Keep container tightly closed in well ventilated place.
- S 28 After contact with skin, wash immediately with plenty of soap & water.
- S 36/37/39 Wear suitable clothing , gloves and eye/face protection.
- S 61 Avoid release to the environment.

16. OTHER INFORMATION

- Since the end users working conditions are not known by us the information provided in this safety data sheet is based on our current level of knowledge.
- The information provided in this safety data sheet relates to the product in the state in which it is delivered.
- It is intended to describe our products from the point of view of safety requirements & is not intended to guarantee any particular properties.
- The product must not be used for any purpose other than those specified under heading without first obtaining written handling instructions.
- It is all times the responsibility of the users to take all necessary measures to comply with legal requirements & local regulations.
- The information given in this safety data sheet must be regarded as a description of the safety requirements relating to our product and not guarantee of its properties.