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SAFETY DATA SHEET

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Section 1: Identification

Product Name: G.I PRE-CLEANER
Product Code: 8.3
Chemical Name/Synonyms: CLEANER FOR GALVANISED STEEL
Company: SABRE PAINTS(PTY)LTD,55 TREDOUX STREET,BEACONVALE,PAROW,SOUTH AFRICA
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Section 2: Hazard(s) Identification

Hazard Classification:
H314 - Causes severe skin burns and eye damage.
H319 - Causes serious eye irritation
Signal Word(s): Danger
Hazard Statements: Can cause skin corrosion/ irritation and serious eye damage/ irritation
Pictograms:



Precautionary Statements: Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand.

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Hydrochloric acid	Muriatic Acid	7647-01-0	15-25%

Section 4: First-Aid Measures

After skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occurs. Wash clothing before re-use. Clean shoes thoroughly before re-use.
After eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
After inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
After swallowing: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Seek medical advice immediately and show the container or label. Do NOT induce vomiting. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. Remove dentures if any.



Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Fog or Foam, CO₂, Dry chemical powder, water jets.

Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Cool containers in case of fire.

Special protective equipment for fire fighters: Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) to conform to relevant standards.

Section 6: Accidental Release Measures

Personal precautions: Put on appropriate personal protective equipment.

Measures for environmental protection: Avoid runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Measures for cleaning/collecting: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7: Handling and Storage

Handling: Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating and drinking. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure Controls/Personal Protection

General protective and hygienic measures: Use respirator and eye protection.

Breathing equipment: In case of insufficient ventilation, use suitable respiratory protection.

Protection of hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times. Consider the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Eye protection: Use face shield & goggles or full-face respirator/hood. Avoid direct contact.

Section 9: Physical and Chemical Properties

Form: Liquid

Odor: Characteristic

Odor threshold: n/d

pH: <2.5

Flash point: n/a

Relative density: approximately 1.00

Solubility in/Miscibility with water: Soluble



Section 10: Stability and Reactivity

Reactivity: No reactivity data is available.
Chemical stability: Product is stable.
Possibility of hazardous reactions: Under normal conditions of storage and use, no hazardous reaction will occur.
Conditions to avoid: No available data.
Incompatible materials: No available data.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

No carcinogenic, mutagenic or genetic effects established.
No data available on toxicity levels.

Section 12: Ecological Information

Ecotoxicity: No data available.
Mobility: Not available.
Biodegradation: Not available.
Bioaccumulation: Not available.
Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal Considerations

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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14: Transport Information

UN number: UN1789
Transport Hazard class: 8
Packaging group: II
Special precautions for user: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15: Regulatory Information

Explanation of abbreviated H statements
H314 - Causes severe skin burns and eye damage.
H319 - Causes serious eye irritation. H226 Flammable liquid and vapour.
Explanation of classifications of substance or mixture
SKIN CORROSION/ IRRITATION - Category 1
SERIOUS EYE DAMAGE/ IRRITATION - Category 2



Section 16: Other Information

Key to abbreviations :

ATE = Acute Toxicity Estimate

BCF = Bio concentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

UN = United Nations

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

