

1. PRODUCT & COMPANY IDENTIFICATION

- **Product Detail:**

Product name: RUST OFF

Physical form: Liquid Form

Odour: Pungent

Colour: Colourless

CAS No.:

- **Company Details:**

Manufacturer: Highbond Coatings Pvt Ltd

Address: Sr. No. 70/2B/1, Flat No 101 & 102,
Purushottam Villa, Vadgaon Bk, Pune – 411041

Tel: +91 9370953995

Email: info@highbondcoatings.com

2. HAZARDS IDENTIFICATION

Manufacture, Storage and Import of Hazardous Chemicals Rules 1989

Classification

Not classified as hazardous according to criteria laid down in Part I of Schedule-1.

GHS Classification

Corrosive to metals: Category 1

Skin corrosion/irritation: Category 1

Serious eye damage/eye irritation: Category 1

GHS label elements



Hazard pictograms:

Signal word : **Danger**

Hazard statements: H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Precautionary statements:

Prevention:

P234 Keep only in original packaging.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P330 + P331 if Swallowed: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 if on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340 + P310 if Inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

Storage: P405 Store locked up.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification: None known.

3. COMPOSITION / HAZARDOUS COMPONENTS

Chemical Name	CAS No.	Concentration (%)
Phosphoric acid	7664-38-2	>20 - <30

4. FIRST-AID MEASURES

Take off all contaminated clothing immediately.

In case of inhalation: Supply fresh air and to be sure call for a doctor.

In case of ingestion: Do not induce vomiting. Seek medical advice immediately.

In case of skin contact: Wipe with paper towel and immediately clean with water and soap.

In case of eyes contact: Immediately flush with water, seek medical advice if necessary.

Indication of any immediate attention and special treatment needed: No further relevant information available.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products: No hazardous combustion products are known.

Specific extinguishing methods: Standard procedure for chemical fires.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency

procedures: Use personal protective equipment. Deny access to unprotected persons.

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

- **Handling:** Avoid contact with eyes and skin. Ensure good ventilation during processing. Wear safety shoes.
- **Protection against fire/ explosion:** Normal measures for preventive fire

protection.

- **Storage:** Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ingredients with limited values to be controlled: Not indicated.

Local exhaust: Recommended

General ventilation: Recommended

Hand protection: Suitable protective gloves.

Eye protection: Safety/ protective glasses.

Flammability: Combustible

Note: Until more data is known, exposure levels should be maintained as low as achievable.

9. Physical and Chemical Properties

PROPERTIES	RESULTS
Appearance	Liquid
Colour	Clear
Density	~1.17 kg/L at +30 °C
Water solubility	Soluble
Viscosity, kinematic	8 mm ² /s (40 °C)
Substrate temperature	+5 °C min. / +50 °C max.

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: The product is chemically stable.

Possibility of hazardous reactions: Stable under recommended storage conditions.

Conditions to avoid: No data available

Incompatible materials: No data available

No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified based on available information.

Components:

phosphoric acid: Acute dermal toxicity: LD50 Dermal (Rabbit): 2,740 mg/kg

Skin corrosion/irritation: Causes severe burns.

Serious eye damage/eye irritation: Causes serious eye damage.

Respiratory or skin sensitisation: Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity: Not classified based on available information.

Carcinogenicity: Not classified based on available information.

Reproductive toxicity: Not classified based on available information.

STOT - single exposure: Not classified based on available information.

STOT - repeated exposure: Not classified based on available information.

Aspiration toxicity: Not classified based on available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and degradability: No data available.

Bio-Accumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects

Product: Additional ecological information: There is no data available for this product.

13. REGULATORY INFORMATION

Safety, health and environmental regulation/legislation specific for the substance or mixture

The mixture classification is according to CLP Regulation 1272/2008/EC.

Labelling according to Regulation (EC) No 1272/2008 Label elements in Section 2.2

National regulations:

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

14. OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

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