

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product Name: RBI DE-OX

1.2 Supplier : RBI AS
Sorenskriver Bulls gate 32
6002 ÅLESUND

Tel; 70 10 04 66 Fax; 70 10 05 94 e-mail; post@rbi-as.no

1.3 Product Description: An acidic product for the removal of oxide deposits from painted surfaces.

Product Code: WE

2. COMPOSITION/INFORMATION ON INGREDIENTS.

2.1 Contains a mixture of acids and surfactants .

2.2 Hazardous ingredients:	CAS No:	EINECS No:	%w.w	Nature of Hazard:
Phosphoric acid	7664-38-2	231-633-2	10-25	Irritant ;R36/38
Oxalic acid	144-62-7	205-634-3	1-5	Harmful;R21/22
Citric acid	77-92-9	201-069-1	1-5	Irritant; R36
Non-ionic surfactant	68955-55-5	273-218-2	1-5	Irritant; R38,41,50

3. HAZARD IDENTIFICATION

3.1 Product is classed as: Irritant

3.2 Risk Phrases: R36/38 Irritating to eyes and skin.

4. FIRST AID MEASURES

4.1 Eyes: Rinse immediately with plenty of water for at least 15 mins and seek medical advice if irritation develops.

4.2 Skin: Wash well with plenty of water and remove contaminated clothing. Seek medical advice if irritation persists after washing.

4.3 Ingestion: Drink milk or water and seek medical attention immediately. Continue to drink milk or water to dilute the chemical. Do not induce vomiting.

4.4 Inhalation: If spray or mist is inhaled, remove to fresh air, rest and keep warm. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Non-flammable but if drums are involved in a fire then spray with water to keep cool. May produce toxic fumes if involved in a fire.

6. ACCIDENTAL RELEASE MEASURES

For large spills, absorb spillage with earth, sand or granules. Wear protective clothing and rubber boots (see below in Section 8). Scrape up and place in secure plastic containers. Seek advice of local authority before disposal. Small spills may be wiped or mopped up and then thoroughly rinse the contaminated surface with clean water and release to foul sewer-not to the surface drainage system.

7. HANDLING AND STORAGE

Store between 0 ° C and 30 ° C in the containers provided and away from bleach and alkalis. Wear the protective clothing described below in Section 8.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear gloves(nitrile or butyl rubber, neoprene, PVC or latex) and full face visor or shield. Wear waterproof protective clothing and rubber boots to prevent skin contact when using neat or diluted product. Avoid the creation of fine mists when using the product in confined spaces.

8.1 Workplace Exposure Limits (WELs):

Both phosphoric and oxalic acid have an STEL of 2 mg/m³ and an LTEL of 1 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance:** Clear, pale straw liquid.
9.2 Odour: Acidic
9.3 pH: 10%: 0.8 1% : 1.9
9.4 Density@20 ° C: 1.15 gm/cc
9.5 Flash Point: Non-flammable
9.6 Solubility in Water: Completely miscible.

10. STABILITY AND REACTIVITY

Avoid mixing with bleach, other acids and alkalis. Otherwise stable under normal conditions of use and storage.

11. TOXICOLOGICAL INFORMATION

- 11.1 Contact with eyes:** Causes irritation, redness and provides a route of entry into the system.
11.2 Contact with skin: Causes irritation and redness and provides a route of entry into the system.
11.3 Ingested: Causes irritation of mouth, throat, digestive system and serious illness.
11.4 Inhaled: If mist or spray is inhaled, will cause irritation to nose, throat and the respiratory system

12. ECOLOGICAL INFORMATION

Practically non-toxic to living resources but because of the acidity of the product, do not release into the surface drainage system.

SECTION 12 Cont.

All materials are fully biodegradable and the product will not present any problems to local water treatment plants. Does not bioaccumulate.

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Main concern is the high alkalinity of the product; it should not be allowed to enter the surface drainage system.

13. DISPOSAL CONSIDERATIONS

Small quantities of the product may be disposed of via the foul sewer; it will not present any problems to effluent treatment plants. Seek advice of local authority before the regular disposal of larger quantities.

14. TRANSPORT INFORMATION

UN No: 1805 **Name:** Phosphoric acid solution. **Hazard Class:** Corrosive Class 8.
H.I.No: 80 **Packaging Group:** III

15. REGULATORY INFORMATION

The preparation requires a formal COSHH assessment which should ensure that employees are aware of hazards/precautions detailed in this data sheet. The COSHH assessment should also ensure that recommended safety equipment is available and, where applicable, the exposure limits detailed in Section 8 are not being exceeded.

Label for supply:



Risk Phrases:	R36/38	Irritating to eyes and skin.
Safety Phrases:	S24/25	Avoid contact with eyes and skin.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37/39	Wear suitable gloves and eye/face protection.

U.K. Regulatory References: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR. Workplace Exposure Limits EH40.2005 and subsequent amendments.

REACH: Regulation 1907/2006/EC effective June 1st, 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH.

16. OTHER INFORMATION

It is the responsibility of the user to ensure safe working conditions. The health hazards and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.

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