

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Product Name: RBI TRANSPORT 100

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: A premier quality product for use on all types of vehicles for the safe removal of road film and general grime.

Product Code: YH

2. HAZARD IDENTIFICATION

2.1: Product is classed as: IRRITANT; the materials classified as Harmful and Corrosive as listed below are present at levels below that required for classification.

2.2 Risk Phrases: R 36/38 Irritating to eyes and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 A blend of non-ionic, cationic and amphoteric surfactants with chelating agents and alkaline detergent builders.

3.2 Hazardous ingredients:	CAS No:	EINECS No:	%w.w	Nature of Hazard:
Sodium hydroxide	1310-73-2	215-185-5	0.5-2	Corrosive, R35
Non-ionic surfactants	68439-45-2	----	1-5	Harmful, R22,41
Cationic surfactant	94313-91-4	304-990-8	1-5	Irritant, R36/38

Ingredients according to EC648/2004:

Less than 5 %: cationic surfactant, amphoteric surfactant, non-ionic surfactants and phosphate (1.3 % as STPP).

4. FIRST AID MEASURES

4.1 Eyes: Rinse the eyes with plenty of water. Continue rinsing for 15 minutes and seek medical advice.

4.2 Skin: Rinse well with plenty of water. Remove contaminated clothing.

4.3 Ingestion: Rinse mouth thoroughly, drink milk or water. Seek medical advice if feeling unwell.

4.4 Inhalation: Remove affected person to fresh air, rest and keep warm. Seek medical advice if feeling unwell.

5. FIRE FIGHTING MEASURES

Non flammable and will not support combustion.

6. ACCIDENTAL RELEASE MEASURES

Large Spills: Wear protective clothing (see Section 8. below). Contain with dry earth, sand or granules. Scrape up and place into secure plastic containers for disposal.

Small Spills: Hose away with plenty of water, preferably into the foul sewer rather than into the surface drainage system.

7. HANDLING AND STORAGE

Wear protective clothing as in Section 8. below. Store between 0 and 30° C in the containers provided and replace closure after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

When handling neat or diluted product, we recommend the use of gloves and safety glasses. A full- face visor, a waterproof suit, rubber boots and rubber gloves should be worn when high pressure washing or when clearing up a spill.

8.1 Workplace Exposure Limits (WELs):

Sodium hydroxide has a Short-term Exposure Limit (S.T.E.L.) of 2mg/m³.

The product contains considerably less than 1% w/w of this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance:** Pale straw coloured liquid
9.2 Odour: Slight detergent odour.
9.3 pH: Neat: 13.2 10 %: 12.5 1%:11.6
9.4 Density(@20.°C) 1.09 g/ml
9.5 Flash Point: Non-flammable
9.6 Solubility in Water: Completely soluble

10. STABILITY AND REACTIVITY

Stable under normal conditions of storage and use. Do not mix with any other chemical products.

11. TOXICOLOGICAL INFORMATION

- 11.1 Contact with eyes:** Irritation and soreness may occur.
11.2 Contact with skin: Irritation followed by redness and dryness.
11.3 Ingested: Soreness of mouth and throat.
11.4 Inhaled: If spray is inhaled, soreness of mouth, nose and throat.

12. ECOLOGICAL INFORMATION

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

SECTION 12. Cont.

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.

The chelating agents are classified as 'readily biodegradable' when tested against OECD test methods OECD 301A, 310C and 301F.

The main concern with this product is the alkalinity and therefore all precautions should be taken to avoid contamination of surface water drainage systems.

13. DISPOSAL CONSIDERATIONS

Small quantities can be disposed of by the foul sewer. Do not allow large volumes of neat or diluted product to enter the natural drainage system. Consult local authority before disposal of larger quantities. Dilute solutions and rinse-off water will not present any problems to the local water treatment works.

14. TRANSPORT INFORMATION

UN No: Not applicable
Hazard Class: Non-hazardous

IMDG Page No: -----
Trem Card No:-----

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: S-24/25 Avoid contact with skin and eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S- 36/37/38 Wear suitable protective clothing, 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.

Full details of the Risk Phrases used in Section 3. and not subsequently covered, are given below:

R22 Harmful if swallowed. R35 Causes severe burns. R41 Risk of serious damage to eyes.

The product is used through high pressure washing equipment to clean all types of vehicles and is safe to use on decorative surfaces. Removes traffic film, general grimes and light deposits of oils and greases.

Use to achieve between 1:20 and 1:200 at the lance tip. Best results are achieved with hot water. Apply through the pressure washer starting at the bottom and working upwards. DO NOT try to cover too large an area at once. DO NOT allow to dry on surface.

Rinse off using high pressure water (best results are achieved with hot water), starting at the top and working downwards.

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