



MSDS / SDS
SAFETY DATA SHEET

TRAMOS® ECONOMIC

ACCORDING TO DIRECTIVE 1907/2006/EC

DATE: 21 / 05 / 2010

EMISSION: 10/001 (replaces all previous information)

Revision of 01/12/2009

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Chemical denomination	:	PREPARATION
Product denomination	:	T.R.240/E
Commercial denomination	:	TRAMOS® ECONOMIC
Manufacturer	:	TRAMOS® INTERNATIONAL N.V. Boomsesteenweg 26 2630 Aartselaar (Antwerp) - Belgium Tel: +32 03 825 44 48 Fax: +32 03 825 44 38 E-mail address : info@tramos.be
Liabile person	:	Mr. R. Teysen
Emergency number	:	+32 3 825 44 48 (8-18h)
Use	:	Cleaning agent

2. DANGER IDENTIFICATION

In conformity with directives 67/548/CE and 1999/45/CE (goods and preparation guidance) this product is classified as not dangerous.

3. COMPOSITION / INFORMATION ON COMPONENTS

Hazardous elements :	% weight	CAS n°	CE n°	R wording	Symbol
SODIUM HYDROXIDE	<0,5%	1310-73-2	215-185-5	35	C

Ingredients declaration according to the Surfactants Directive 648/2004/EC
 < 5% cationic surfactants
 5-15% non ionic surfactants

4. FIRST AID MEASURES

* Inhalation	:	Bring into fresh air. If the irritation persists, seek medical advice
* Skin contact	:	Rinse with plenty of water and soap
* Eye contact	:	Rinse immediately with water. Seek medical advice.
* Ingestion	:	Rinse the mouth with water and seek medical advice.

5. FIRE-FIGHTING MEASURES

- | | |
|--|---------------------------------------|
| * Extinguishing agents | : Not flammable (aqueous preparation) |
| * Extinguishing agents to be avoided | : None known |
| * Special exposure hazards arising from the product itself from combustion or from resulting gases | : Not flammable (aqueous preparation) |
| * Fire-fighting instructions | : N.a. |

6. MEASURES TO TAKE IN CASE OF ACCIDENTAL RELEASE

- | | |
|---|---|
| * Personal precautions | : Wear eye and skin protection.
Follow the measures as described in § 7 & 8 |
| * Environmental precautions | : Avoid drainage of the concentrated product into surface water and sewage system. |
| * Measures in case of leakage/spreading | : Absorb carefully the spilled liquid and put it in a waste container.
Remove the residue with plenty of water into the sewer. |

7. HANDLING AND STORAGE

- | | |
|----------------------------------|-------------------------------------|
| * Handling | : Avoid contact with skin and eyes. |
| * Storage | : Store frost proof. |
| * Packing material to be avoided | : N.a. |

8. EXPOSURE CONTROLS / INDIVIDUAL PRECAUTION

- | | |
|------------------------|--|
| * Personal protection | |
| - Respiration system | : Well ventilated area. |
| - Hand protection | : Wear synthetic gloves. |
| - Eye protection | : Wear safety goggles |
| - Skin protection | : Wear suitable clothes |
| * Hygienic precautions | : Do not eat, drink or smoke while handling this preparation |

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|-------------------------------|-------------------------------|
| * Physical condition at 20° c | : Liquid |
| * Colour | : Light yellow |
| * Smell | : Characteristic |
| * Flashpoint | : N.a. |
| * Boiling point | : Water |
| * Solvents | : None |
| * pH value at 20°C | : >11 <12,5 - Buffered pH |
| * Volume weight at 20°C | : 1020-1030 kg/m ³ |
| * Vapour pressure at 20°C | : Water |
| * Solubility in water at 20°C | : completely |

10. STABILITY AND REACTIVITY

- * Stable by normal use.
- * Substances to avoid : Avoid contact with acid based products
- * Hazardous decomposition products : None known

11. TOXICOLOGICAL INFORMATION

- * Inhalation : irritation of respiratory system, throat pain, coughs
- * Ingestion : irritation, throat pain, vomit, gripes, diarrhoea
- * Skin contact : possibility slightly irritating, red skin, dry skin
- * Eye contact : Irritating, redness, pain.

12. ECOLOGICAL INFORMATION

- * Toxic for water organisms as from 130 mg / l. LC 50 96 Hours (rainbow trout), calculated on the percentage of each ingredient.
- * T.R. 240/E meets the Royal Degree dated 25/10/1988 and the EC directives 73/404/EC, 73/405/EC, 82/242/EC, 82/243/EC, 86/94/EC and 648/2004/EC concerning the biological degradability of surface active substances.
- * The product is easily biodegradable > 90% Couple Unit Test (OECD 303A)

13. REMOVING / DRAINING OF THE PREPARATION

- * Avoid that concentrated product comes into surface water.
- * Prior to draining the watery part in outlet systems, it is imperative to check whether the drained product is in compliance with the legislation presently in force, more specifically the chemical oxygen demand and degree of acidity.

14. TRANSPORT INFORMATION

- * Road transport
 - UN- Number : exempt
 - Description: ADR / VLG Class & Figure : exempt
- * Air transport
 - UN- Number : exempt
 - Description: IATA Class / Packing group:
- * Sea transport
 - UN- Number : exempt
 - Description: IMCO Class / Packing group:

15. REGULATORY INFORMATION

Labelling

- * Danger symbols : N.a.
- * Risk wording (R) : N.a.
- * Safety wording (S) : N.a.

Product contains : Sodium Hydroxide

16. OTHER INFORMATION

* Tramos® Economic is conform with following specification:

“BOEING D6-17487 REVISION L, EXTERIOR AND GENERAL CLEANERS AND LIQUID WAXES”

“Relevant R-phrases of § 3
R35 Causes severe burns

Although this information has been drawn up with the greatest precision, it is only given as an indication and can not bind us in any way.