



MSDS / SDS **SAFETY DATA SHEET**

TRAMOS® ECONAL

ACCORDING TO DIRECTIVE 1907/2006/EC

DATE : 25 / 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. ECONAL
Commercial denomination	:	TRAMOS® ECONAL
Manufacturer	:	TRAMOS® INTERNATIONAL N.V. Boomsesteenweg 26 2630 Aartselaar (Antwerp) - Belgium Tel : +32 3 825 44 48 Fax: +32 3 825 44 38 E-mail address : info@tramos.be
Liabe person	:	Mr. R. Teysen
Emergency telephone 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	<0,2%	1310-73-2	215-185-5	35	C

Ingredients declaration according to the surfactants Directive 648/2004/EG

< 5% NTA
< 5% anionic surfactants
< 5% non ionic surfactants
< 5% EDTA
< 5% phosphates

4. FIRST AID MEASURES

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



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. ACCIDENTAL RELEASE MEASURES

- * Personal precautions : Wear safety glasses. See instructions below § 7 & 8
- * Environmental precautions : Can not be drained undiluted.
- * Measures in case of leakage/spreading : Remove the spill with absorbing material and store into appropriate drums. Remove the residue with plenty of water.

7. HANDLING AND STORAGE

- * Handling : Avoid contact with skin and eyes.
- * Storage : Store frost proof (between 5° en 25 °C).
Keep separated from acids.
- * Packing material to avoid : N.a.

8. EXPOSURE CONTROLS / INDIVIDUAL PRECAUTIONS

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

9. PHYSICAL AND CHEMICAL PROPERTIES

- * Physical condition at 20°C : Liquid
- * Colour : Clear
- * Smell : Characteristic
- * Boiling point : Water
- * Flash point : n.a.
- * Solvents : none
- * pH value (concentrate) : >11 <12,5 - Buffered solution
- * Volume weight at 20°C : 1,020 kg/l
- * Solubility in water at 20°C : 100%

10. STABILITY AND REACTIVITY

- * Stable by normal use.
- * Substances to avoid : Avoid contact with acids
- * 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, can cause redness and pain.

12. ECOLOGICAL INFORMATION

* Water Danger	: 11 Not harmful to aquatic organisms.
* Additional information	: None
* Biodegradable	

13. REMOVING / DRAINING OF THE PRODUCT

- * Avoid the drainage of the undiluted product.
- * Rinse with plenty of water. Prior to drainage in outlet systems, it is imperative to check whether the drained product is in compliance with the local legislation presently in force.
- * Contaminated packaging: Rinse the packaging with plenty of water.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION**Labelling**

* Danger symbols	: C
* Risk wording (R)	R35 : Causes severe burns
* Safety wording (S)	S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36/39 : Wear suitable protective clothing and eye/face protection
	S45 : In case of accident or if you feel unwell seek medical Advice immediately (show the label where possible)

Contains : Sodium Hydroxide



16. OTHER INFORMATION

* 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.

