

MATERIAL SAFETY DATA SHEET

Conforms to ISO 11014-1

PRODUCT: **ARMADEK**

1. Product and Company Identification

Commercial name of Product: **ARMADEK**
UN Number: Not controlled C.A.S. number: Mixture

Manufacturer:

Chemicals & Research cc,
12 Regents Avenue,
Anzac,
BRAKPAN

Supplier:

Rystix Sales CC
16 – 7th Avenue
Newton Park
PORT ELIZABETH

Emergency telephone numbers: 0861 – 797 849 Fax: 041 – 365 6973

2. Composition/Information on ingredients

Substance/preparation: Preparation

Information on hazardous ingredients

Chemical name	CAS No.	%	Symbol	R-Phrases
Latex		50 – 55	Xn	R22
2 Butoxy Ethanol	111-76-2	2,0 – 5,0	T	R20, R23/25, R36/37, R40

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

Physical/chemical hazards: Non-flammable.
Human health hazards: Very harmful if ingested as coagulation may occur instantly in the intestines.
Environmental hazards: Toxic to aquatic organisms.

4. First aid measures

Effects and symptoms

Inhalation: Slightly hazardous by inhalation (lung irritant).
Ingestion: Hazardous if ingested as coagulation may occur instantly in the intestines.
Skin contact: Harmful in case of skin contact (irritant, sensitizer).
Eye contact: Slightly hazardous in case of eye contact (irritant).
Aggravating conditions: None known.

First aid measures

Inhalation: Allow exposed persons to rest in a well ventilated area.
Ingestion: Do not induce vomiting. Rinse out mouth with copious quantities of water and obtain medical attention.
Skin contact: Swab affected skin with Ethanol and wash with water and soap.

PRODUCT: **ARMADEK**

9. Physical and Chemical properties

Physical state and appearance:	Clear homogenous free-flowing liquid.
Colour:	Colourless to dark straw.
Odour threshold:	Not available.
Boiling point:	>105°C.
Melting point:	<0°C.
Bulk density:	1,02 @ 20°C.
Vapour density:	Not available.
Vapour pressure:	Not available.
Evaporation rate:	>1 (Water)
Solubility:	Soluble in water, less soluble in solvents.
Octanol/water partition coefficient:	The product is more soluble in water than in oil.
pH:	7 – 10 (10% in water).
Flashpoint:	Non-flammable.
Flammability:	Non-flammable.
Auto ignition point:	N.A..
Explosion properties:	Will not form explosive mixtures with air.
Lower explosion limit:	N.A.
Viscosity:	N.A.

10 Stability and reactivity

Stability:	Product is stable.
Conditions to avoid/ materials to avoid:	Exposure to temperatures >65°C should be avoided. Exposure to acids is to be prevented.
Hazardous reactions:	None known.
Hazardous decomposition products:	Oxides of Carbon.

PRODUCT: **ARMADEK**

11. Toxicological information

Acute data [LD50, LC50]

Toxicity to test animals:

Acute oral toxicity: 470 mg/Kg [Rat], indicated for 2 Butoxy Ethanol.

Local effects:

Skin irritation:

Non-corrosive to the skin.

Eye irritation:

Slightly hazardous in case of eye contact (irritant).

Sensitization:

Harmful in case of skin contact (sensitizer).

Chronic toxicity:

None known.

Specific effects:

Carcinogenic effects:

None known.

Mutagenic effects:

Not available.

Reproduction effects:

Not available.

12. Ecological information

Mobility:

Slightly mobile in nature.

Persistence/degradability:

Product is not freely biodegradable.

Bioaccumulation potential:

Unknown.

Ecotoxicity:

Product is hazardous to aquatic organisms.

13. Disposal considerations

Methods of disposal

Waste or residues

Dispose of in accordance with national legislative requirements.

Contaminated packaging:

Dispose of in accordance with national legislative requirements.

14. Transport information

International transport regulations

UN number:

Not controlled

Land - Road/Railway:

Proper shipping name:

ARMADEK, n.o.s. (Latex solution).

ADR/RID class:

Not available.

Marginal:

Not known.

Sub-marginal:

Not known.

Packing group:

b.

Hazard identification number:

Not available.

ADR/RID label:

None.

