

# 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 – 7<sup>th</sup> 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.



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## **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.

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## **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.

