

for TRACKING

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CONFIDENTIAL INFORMATION

SDS Reference RE4189
Version No. 1
Revision Date
Origination Date 01/12/2007

Safety Data Sheet



Product Name LCTX-AF

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name LCTX-AF
 Synonym (s) Natural Polyisoprene Latex
 Intended/Possible Product Use For various latex compounds where no ammonia addition is preferred or required.
 Company Identification Revertex Malaysia Sdn. Bhd.
 P.O. Box 508
 86009 Kluang
 Johor, Malaysia
 Emergency Telephone (UK) 01279 429555
 (Malaysia) 07-7731000

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	EINECS/ELINCS	Classification	Concentration %
Natural Rubber Centrifuged Latex	9006-04-6	232-689-0	Not classified	58 - 62
Water	7732-18-5	231-791-2	Not classified	35 - 42
Other components are either not CHIP classified or are below the concentration limit for classification	Balance			

3. HAZARDS IDENTIFICATION

8/2/5470664

Physical & Chemical:

Health: ACCORDING TO EXPERIENCE, THE PRODUCT IS HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER.

Environmental: ACCORDING TO EXPERIENCE, THE PRODUCT IS HARMLESS TO THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

Further Information:

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4. FIRST AID MEASURES

General information

Inhalation

Skin contact

Clean areas of skin affected with soap and plenty of water.

Eye contact

In case of contact with eyes, rinse immediately with plenty of water until irritation subsides.

Ingestion

Allow the patient to vomit on his own accord. Give copious water to drink and if necessary seek medical advice.

Further information

5. FIRE FIGHTING MEASURES

General hazard

THE PRODUCT IS NON COMBUSTIBLE

Extinguishing media

To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)

Extinguishing media not to be used

Special exposure hazards

Decomposition products released in a fire should be considered toxic if inhaled.

Protective equipment

Further information

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Adhere to personal protective measures.
 Take up with absorbent material, e.g. sand, sawdust, into tightly closable containers. Label container and dispose of as prescribed.

Environmental considerations

Further information

7. HANDLING & STORAGE

Advice on safe handling

Handle in accordance with good hygiene and safety practice.

Storage conditions

Keep containers tightly closed, cool and dry.
 Store indoors at between 10 and 30°C

Further information



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	There are no exposure limit values available		
	LTEL (8 hour TWA):	ppm	mg/m ³ No data available
	STEL (15min)	ppm	mg/m ³
Engineering controls	Ensure adequate ventilation of working area.		
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below).		
Eye protection	Safety goggles.		
Skin protection	Suitable gloves.		
Respiratory protection			
Other protection			
Further Information	Personal protective equipment should be selected as appropriate to the nature and aggressiveness of the identified hazard(s). It should be regularly inspected for such things as soundness against leaks, bad fitting and possible chemical penetration. Recommended safe user periods should never be exceeded.		

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Suspension in liquid
Colour	White
Odour	-
Molecular weight	
Molecular formula	
pH	8 - 10 (for Natural Rubber Centrifuged Latex)
Boiling pt / range	Approx. 100°C
Melting pt / range	
General Flammability	Non combustible
Flash point	
Autoflammability	
Density	0.95 - 0.96 gm/cc (for Natural Rubber Centrifuged Latex)
Explosive limits	
Vapour pressure	

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9. PHYSICAL & CHEMICAL PROPERTIES

Vapour Density Approx. equal water (Air = 1)

Relative Evaporation Rate
(n Butyl Acetate = 1)

Viscosity 120 cps. Max. (Brookfield, Spindle 2/60rpm)

Water solubility Miscible with water

Partition coefficient (log P
n-octanol / water)

Additional information

10. STABILITY & REACTIVITY

Stability Stable under normal conditions of handling.

Thermal decomposition

Conditions to avoid

Material to avoid

Hazardous reactions Hazardous polymerisation will not occur.

Hazardous decomposition products Dry rubber, when ignited, will give off toxic fumes and smoke.

Further information

11. TOXICOLOGICAL INFORMATION

Acute toxicity No data available.

Dermal compatibility May cause skin irritation on prolonged exposure. Contains natural rubber, which may cause allergic reaction for some people.

Mucous membrane compatibility No data available.

Further Information Consideration should be given to section 15 of this safety data sheet, noting any identified hazards for this product and route of entry whereby harm could be caused to body tissues and organs.

12. ECOLOGICAL INFORMATION

Acute toxicity No data available.

Degradability Natural rubber is biodegradable.

Further Information Consideration should be given to any environmental or health hazards indicated in section 3, and the physical properties indicated in section 9, of this safety data sheet, in the light of any possible damage to wildlife or to the environment in land, water, air or upper atmosphere.

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13. DISPOSAL CONSIDERATIONS

Advice on disposal In accordance with national (i.e. Special Waste Regulations) and local authority regulations, e.g. special waste or incineration.

Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

Further information

14. TRANSPORT INFORMATION

United Nations number The product is not classified for transport

Proper shipping name

Primary hazard class

Secondary hazard class(es)

Packing group

Marine pollutant

Emergency action code

Further information

15. REGULATORY INFORMATION

Classification & labelling The product is categorised in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3).

Risk phrases

Safety phrases S29 DO NOT EMPTY INTO DRAINS
 S51 USE ONLY IN WELL VENTILATED AREAS

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16. OTHER INFORMATION

General summary

Further information

CAUTION - The substance has not been fully tested.
The classification has been determined using the conventional method for preparations.

Sources of data

Revertex, and other suppliers' safety data sheets.

Reason for revision

Sections revised

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.