



SAFETY DATA SHEET LANKROFLEX ED6

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name LANKROFLEX ED6
Product No. P14002
REACH Registration number 01-2119474680-35-0000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Plasticiser and co-stabiliser for PVC. Plasticiser for Polymers.

1.3. Details of the supplier of the safety data sheet

Supplier Akcros Chemicals Limited
Lankro Way
Eccles
Manchester
M30 0LX
Tel. +44 (0) 161 785 1111
Fax. +44 (0) 161 788 7886
e-mail: RegAffairs@akcros.com
Contact Person S P Malcomson

1.4. Emergency telephone number

Tel +44 (0) 161 785 1111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical and Chemical Hazards Not classified.
Human health Not classified.
Environment Not classified.
Classification (67/548/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.
Human health
Avoid contact with eyes and prolonged skin contact.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
No pictogram required.

Supplemental label information
EUH205 Contains epoxy constituents. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

2.3. Other hazards

Avoid contact with eyes and prolonged skin contact.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

LANKROFLEX ED6

Fatty acids, C14-22, 2-ethylhexyl esters, epoxidised		99%
CAS-No.: 095370-96-0	EC No.: 305-962-8	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

REACH Registration number 01-2119474680-35-0000

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature. Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

Skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention if any discomfort continues. Wash contaminated clothing before reuse.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

General information

No specific symptoms noted.

4.3. Indication of any immediate medical attention and special treatment needed

For detailed information on the ingredients see Section 3. Symptomatic treatment is advised.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special Fire Fighting Procedures

When heated and in case of fire, toxic vapours/gases may be formed. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge into water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. For waste disposal, see section 13.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes and prolonged skin contact. Use this product in a well ventilated area, particularly as good ventilation is essential when PVC processing temperatures are maintained, and fumes from the PVC formulation require regulating.

7.2. Conditions for safe storage, including any incompatibilities

LANKROFLEX ED6

Store in tightly closed original container in a well-ventilated place. Avoid Water, moisture.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

Workplace Exposure Limits 2005 - (EH40)

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective equipment



Hand protection

Wear protective gloves. PVC gloves are recommended. (CEN EN420 - PVC)

Eye protection

Wear goggles/face shield. (CEN EN166)

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact. (CEN EN340) Wash contaminated clothing before reuse.

Hygiene measures

Observe good chemical hygiene practices. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light (or pale). Yellow.
Solubility	Insoluble in water
Initial boiling point and boiling range	>200°C
Melting point (°C)	Not determined.
Relative density	S.G. 0.922 @ 25°C
Bulk Density	Not applicable.
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
Evaporation Factor	Not determined.
pH-Value, Conc. Solution	Not applicable.
Viscosity	35 cSt @25°C
Solubility Value (G/100G H2O@20°C)	Not determined.
Odour Threshold, Lower	Not determined.
Flash point	>150°C CC (Closed cup).
Auto Ignition Temperature (°C)	Not determined.

Flammability Limit - Lower(%)

Not determined.

Partition Coefficient
(N-Octanol/Water)

Not determined.

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Avoid contact with oxidising agents.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information

Not regarded as a health hazard under current legislation. Avoid contact with eyes and prolonged skin contact. Acute toxicity (similar products). LD50 (Oral, rat) >2000mg/kg LD50 (Dermal, Rabbit) >2000mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

No data is available on the preparation itself. The product should be prevented from entering drains, sewers, streams, etc.

12.2. Persistence and degradability

Degradability

No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility:

Not determined.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Non-hazardous substance. Number. EWC 070215.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

Proper Shipping Name This product is not classified as hazardous for transport.

14.3. Transport hazard class(es)

Transport Labels No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Not regarded as a health or environmental hazard under current legislation. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Water hazard classification

WGK 0

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Comments

Transfer to new Safety Data Sheet system. Changes were made in section:- 4, 6, 10, 12, 16.

Issued By S P Malcomson

SDS No. 2.1

Safety Data Sheet Status Approved.

Date 30/11/12

Risk Phrases In Full

NC Not classified.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.