



Lakeland Chemical LLC

Take Control Of Your Resources

LK100

Material Safety Data Sheet

Date : December 14, 2009

Proper shipping name: Acrylic copolymer in aqueous dispersion
UN Number: Not regulated
Hazard Class: NA
Packing: NA

HMIS Information

Health: 1
Flammability: 0
Reactivity: 0
PPE: B

Emergency contact: 330-289-7081

1.) Identification of product and company

Trade name: LK 100
Recommended use: See LK 100 technical data sheet
Supplier:
-Name: Lakeland Chemical LLC
-Address: 3745 Overlook Drive, Port Clinton, OH 43452
-Telephone: 419-797-4897
-Fax: 419-797-2070
Emergency call:
-Name: Lakeland Chemical LLC
-Telephone: 419-797-4897 or 216-533-9725

2.) Composition

Chemical name: Acrylic copolymer in aqueous dispersion
Hazardous components: None

3.) Hazards identification

Adverse health effects: Slight irritant for eye and skin.
Physical and chemical hazards: Does not show any specific hazard of fire or explosion.

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Hazard classification: No particular hazard according to EC criterions.

4.) First-aid measures

Inhalation: Not specifically concerned. (Waterbased solution)

Skin contact: Wash immediately with water.

Eye contact: Flush immediately with water. If irritation persists, consult physician.

Ingestion: Consult physician.

5.) Fire-fighting measures

Appropriate extinguishing media: Water / foam / powder / carbon dioxide

Specific hazards: Water dispersion. Does not show risk in case of fire.

Specific intervention methods: Appropriate protective equipment must be worn in case of fire.

6.) Accidental release measures

Individual precautions: Protective gloves, protective glasses, protective clothes.

Precautions to protect environment: Do not reject to sewer or into environment.

Cleaning methods:

- Recovery: Vacuum bulk liquid, or absorb it with inert sorbent.
- Decontamination: Wash remaining material with water.
- Elimination: Dispose in accordance with local, state, and federal guidelines.

7.) Handling and storage

Handling:

- Technical measures: Does not require specific technical measure.
- Safety procedure: Respect general health and safety rules.

Storage:

- Storage conditions: Store above 5 degrees C and below 40 degrees C and protect from sun.
- Incompatible materials: Bases (exothermic reaction)
- Packaging: Coated steel, stainless steel, polyethylene plastic materials. Prohibited packaging includes steel, aluminium and its alloys.

8.) Exposure controls / personal protection

Technical measures: Does not necessitated specific measure, provided general health and safety procedures are followed.

Individual protection equipment: Safety glasses for eyes. Appropriate clothes and gloves for

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hand and skin protection.

9.) Physical and chemical properties

Physical state:	Liquid
Color:	Whitish
Odor:	Mild
pH:	3
Flash point:	> 100 degrees C (closed cup)
Boiling point:	100 degrees C
Vapor pressure:	18 mm Hg at 20 degrees C
Crystallization point:	0 degrees C
Density:	1.06 g/cm ³
Solubility:	
-In water:	Soluble at pH > 7
-In solvents:	Very slight
Volatile part by weight:	70%

10.) Stability and reactivity

Stability:	Stabile
Dangerous reactions:	
-Materials to avoid:	Strong bases (exothermic neutralization reaction)
-Hazardous decomposition products:	None

11.) Toxicological information

Acute toxicity:	DL50 (oral way, rat) >2000 mg/kg
Local effects:	Slightly irritant by ocular application on rabbit. Slightly irritant by cutaneous application on rabbit.

12.) Ecological information

Mobility:	
-Target medium of material:	Water
Degradability:	Poorly biodegradable

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Ecotoxicity:

- Impact on aquatic environment: CL50 (fish : brachydanio rerio) 96h>100mg/l
CE50 (Daphnia : daphnia magna) 48h>100mg/l
CI50 (Algae) : 72 hours > 100mg/l

13.) Disposal considerations

Product residues:

- Prohibition: Do not reject to sewer.
- Elimination: Dispose in accordance with local, state, and federal guidelines.

Spoiled packaging:

- Washing: Empty packaging, then clean it with water before disposal.
- Elimination: Dispose in accordance with local, state, and federal guidelines.

14.) Transportation information

Ground transportation: Not regulated

Sea freight: Not regulated

Air freight: Not regulated

15.) Regulatory information

Labelling according to CE directives:

- Product ID: Nil.
- Hazard ID and symbol: Nil.
- Hazard nature: Nil.
- Safety advise: Nil.

16.) Other information

MSDS written in accordance to 2001/58/EC Directive guidelines

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material. The information set forth herein is based on technical data that Lakeland Chemical LLC believes to be reliable. We make no warranties, express or implied, and assume no liability in connection with any use of this information.

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