

Materials Safety Data Sheet

Document Date August 2024

Revision No.1

Section 1. Identification of the substance and of the company

1.1 Product identifier	LEE Filters Gel Fixing Spray
Manufacturing company	LEE Filters (A Division of Panavision Europe Ltd)
1.2. Relevant identified uses	Adhesion of polyester film to glass
1.3 Details of supplier	LEE Filters (A Division of Panavision Europe Ltd) Central Way, Walworth Business Park Andover, Hampshire SP10 5AN, United Kingdom www.leefilters.com Email: sales@leefilters.com
1.4 Emergency contact	Office Tel: +44 (0)1264 366245 During office hours (9am – 5pm) only

2. Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

H318	Serious eye damage/eye irritation, Category 1
H412	Hazardous to the aquatic environment; Chronic Hazard, Category 3

2.2 Label Elements

Labelling according to Regulation (EC) Number 1272/2008

Pictogram

Signal Word: **Danger**

Contains: Cocamidopropyl Betaine

Hazard statements (CLP): H318 - Causes serious eye damage.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP): P273 - Avoid release to the environment.
P280 - Wear eye protection
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Materials Safety Data Sheet

Document Date August 2024

Revision No.1

3. Composition / Information on ingredients

3.1 Substances Not Applicable

3.2 Mixtures

Name	CAS #	% by weight	Classification
Water	7732-18-5	0-99%	Not classified
Cocamidopropyl Betaine	97862-59-4	0-1%	H318 Eye Dam. 1 H412 Aquatic Chronic

4. First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation persists.

Skin Contact:

Wash with soap and water. Cover any irritated skin with an emollient. Get medical attention if irritation persists. Cold water may be used.

Serious Skin Contact:

Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion:

Not available.

Materials Safety Data Sheet

Document Date August 2024

Revision No.1

5. Fire Fighting Measures**Flammability of the Product:**

Non Flammable.

Extinguishing media

Suitable Extinguishing Media:

Water spray. Dry Powder. Foam. Carbon Dioxide

Unsuitable Extinguishing Media:

Do not use a heavy water spray

Special hazards arising from the substance or mixtureCarbon oxides (CO, CO₂)**Advice for fire-fighters**

As appropriate for surrounding fire.

>99% Water, Will not support combustion

6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

Not normally required.

Environmental precautions

Not normally required.

Methods and material for containment and cleaning up

Contain and cover spilled substance with dry sand or earth or other suitable dry material. Transfer to a container for disposal or recovery. Provide adequate ventilation.

Reference to other sections

None

Additional Information

None.

7. Handling and Storage**Precautions for safe handling**

Wash affected skin with plenty of water. Remove contaminated clothing and wash clothing before reuse. Provide adequate ventilation. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Temperature

Store at room temperature.

Incompatible materials:

Oxidising agents

Materials Safety Data Sheet

Document Date August 2024

Revision No.1

8. Exposure controls / personal protection

Substance	CAS #	LTEL (8 hr TWA ppm)		STEL (ppm)		Note
		PEL (OSHA)	TVL (ACGIH)	PEL (OSHA)	TVL (ACGIH)	
Water	7732-18-2	-	-	-	-	---
Cocamidopropyl Betaine	97862-59-4	No data available				---

- LTEL: Long Term Exposure Limit; - STEL: Short Term Exposure Limit

9. Physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	Odourless
Density	1g/ml
Solubility	Not determined
Melting point	<0°C
Boiling point	100°C as water
Solubility (Other)	Not known
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (mPa·s) @ 22°C	<10
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Other information	Not available.

10. Stability and reactivity

Reactivity	Stable under normal conditions
Chemical stability	Stable
Possibility of hazardous reactions	None anticipated
Conditions to avoid	Heat
Incompatible materials	Oxidising agents
Hazardous decomposition products	Carbon dioxide, hydrogen chloride

11. Toxicological information**Information on toxicological effects****Substances**

Not applicable

Mixtures

Acute toxicity

Not available.

Irritation

Not available.

Corrosivity

Not available.

Sensitisation

Not available.

Repeated dose toxicity

Not available.

Carcinogenicity

IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

Mutagenicity

Not available.

Toxicity for reproduction

Not available.

Substances in preparations / mixtures

Cocamidopropyl Betaine (97862-59-4)

Acute toxicity:

Oral:

LD50 = 2.335 g/kg (rat)

Inhalation:

Non-volatile

Dermal:

LD50 = 0.33 g/kg (rabbit) 24 hour(s)

Irritant

Irritating to eyes.

Sensitisation

It is not a skin sensitizer.

Repeated dose toxicity

No information

Other information

None known.

12. Ecological information**12.1 Toxicity:**

Cocamidopropyl Betaine (CAS 97862-59-4):

LC50 – Fish	1.1 mg/L 96h Pimephales promelas (marine water)
	1.11 mg/L 96h Pimephales promelas (freshwater)
EC50 – Crustacea	6.5 mg/L 48hr Daphnia Magna
EC50 – Algae	>10mg/L 96hr Pseudokirchneriella Subcaptita

12.2 Persistence and Degradability

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential

No bioaccumulative potential

12.4 Mobility in soil

Mobility: Soluble in water

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

Harmful to aquatic organisms

Materials Safety Data Sheet

Document Date August 2024Revision No.1

13. Disposal considerations**Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

14. Transport information

Not classed as dangerous for transportation

15. Regulatory information

Raw materials are REACH compliant

16. Other Information

None