

MATERIAL SAFETY DATA SHEET

1 – IDENTIFICATION

1.1 Product identification

Trade name

Promois EFLS

1.2 Supplier identification

Company name

Service

Address

Phone

Fax

1.3 Producer identification

Company name

2 - COMPOSITION - INFORMATION ON INGREDIENTS (substance)

2.1 Chemical name

Water solution of 20% Sodium Lauroyl Hydrolyzed Silk

2.2 Synonyms

CAS-Reg. No.

169590-94-7

EINECS No.

polymer

2 - COMPOSITION - INFORMATION ON INGREDIENTS (composition)

2.1 Main components

Sodium Lauroyl Hydrolyzed Silk

2.2 Hazardous impurities

Not contained.

3 - HAZARDS IDENTIFICATION

3.1 Main hazard – Symptoms

4 - FIRST AID MEASURES

4.1 General instructions

Consult doctor in case of sick symptoms.

4.2 Inhalation

Move to fresh air.

4.3 Ingestion

Wash mouth with clean water. Induce vomiting, if possible.

4.4 Eye contact

Rinse with clean water.

4.5 Skin contact

Rinse with clean water.

5 - FIRE FIGHTING MEASURES

5.1 Suitable extinguish media

Usual fire extinguish media. (water, carbon dioxide, extinguish powder etc.)

5.2 Unsuitable extinguish media

Nothing particularly.

5.3 Particular hazards

Nothing particularly.

5.4 Particular preventive measures

No special measures required.

6 - ACCIDENTAL RELEASE MEASURES

- | | |
|-------------------------------------|---|
| 6.1 <u>Personal protection</u> | Not required. |
| 6.2 <u>Environmental protection</u> | No special measures required. |
| 6.3 <u>Methods for cleaning</u> | Collect the leakage with inert adsorbent.
Flush the rest with plenty of water. |

7 - HANDLING AND STORAGE

- | | |
|---------------------------------|--|
| 7.1 <u>Handling</u> | Take the normal precautions for chemical product handling. |
| 7.2 <u>Storage</u> | Store in cool location.
Keep it away from heat and direct sunlight. |
| 7.3 <u>Suitable packaging</u> | Keep tight the cap. |
| 7.4 <u>Unsuitable packaging</u> | Don't keep it in a dirty container. |

8 - EXPOSURE CONTROL

- | | |
|--|--|
| 8.1 <u>General measures</u> | No special measures required. |
| 8.2 <u>VLE/VME</u> | |
| 8.3 <u>Individual protection media</u> | |
| 8.3.1 Respiratory protection | Use of respiratory mask is recommended. |
| 8.3.2 Hand protection | Use of gloves is recommended. |
| 8.3.3 Eye protection | Use of protective glasses is recommended. |
| 8.3.4 Skin protection | Wearing of protective jacket is recommended. |
| 8.4 <u>Specific hygiene measures</u> | Not required. |

9 - PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|--------------------------------------|---|
| 9.1 <u>Appearance</u> | Light yellow to light brown, transparent or cloudy liquid |
| 9.2 <u>Odor</u> | Faint characteristic odor |
| 9.3 <u>pH value</u> | 6.0 – 7.5 (10% water solution) |
| 9.4 <u>Boiling point</u> | Not measured. |
| 9.5 <u>Melting point</u> | Not measured. |
| 9.6 <u>Flash point</u> | Not measured. |
| 9.7 <u>Flammability (solid, gas)</u> | This product is not flammable. |
| 9.8 <u>Auto-flammability</u> | Not measured. |
| 9.9 <u>Explosive properties</u> | Not measured. |
| 9.10 <u>Combustive properties</u> | This product is not combustible. |
| 9.11 <u>Vapor pressure</u> | Not measured. |
| 9.12 <u>Specific gravity</u> | Not measured. |
| 9.13 <u>Solubility</u> | |
| - Hydrosolubility | Soluble |
| - Liposolubility | Miscible |
| 9.14 <u>Other information</u> | |

10 - STABILITY / REACTIVITY

- | | |
|--|---|
| 10.1 <u>Conditions to avoid</u> | No decomposition if used according to specifications. |
| 10.2 <u>Material to avoid</u> | No decomposition if used according to specifications. |
| 10.3 <u>Hazardous decomposition products</u> | Not produced. |
| 10.4 <u>Important comments</u> | |

11 - TOXICOLOGIC INFORMATION

11.1 Acute toxicity

11.2 Primary irritant effect

On the skin: Patch test

Non-irritant (human)

11.3 Sensitization

11.4 Mutagenicity

Ames test:

Non-mutagenic (*S. typhimurium* and *E. coli*)

Chromosome aberration test

Non-clastogenic (CHL cells)

12 - ECOLOGICAL INFORMATION

12.1 Ecological information

This product has biodegradability.

12.2 Ecotoxicity

No data available.

13 – DISPOSAL

13.1 Waste destruction

Destruction in suitable disposal sites

Small quantities can be disposed with household garbage.

Large quantities must be disposed in approved sites with scrubber.

13.2 Packaging destruction

Disposal must be made according to official regulations.

14 – TRANSPORT

This is not hazardous.

14.1 UN No.

14.2 UN Hazard Class

14.3 Land transport ADR/RID (cross-border)

14.4 Maritime transport IMDG

14.5 Air transport ICAO-TI and IATA-DGR

15 - REGULATORY INFORMATION

15.1 Fire Defense Law

16 - OTHER INFORMATION

This product contains 3% Dipropylene glycol, 0.30% Methylparaben and 0.03% Propylparaben as stabilizer of preservative and preservative.

This safety data sheet is a complement to the technical brochure of the product but not replace it. The information and data presented are based on our knowledge of the product as of the data shown above.

We intend to describe our product so as to fit all safety measures required. However we cannot assume responsibility and give assurance with regards to its effects and behavior.

Date : January, 24, 2007