

Material Safety Data Sheet

acc. to ISO/DIS 11014

- **Product identifier**
- **Trade name:** Nylon
- **CAS Number:**
25038-74-8
- **EINECS Number:**
Exempt polymer
- **Application of the substance / the preparation** Additive for cosmetic or pharmaceutical
- **Details of the supplier of the safety data sheet**
- **Information department:** Product safety department

- **Chemical characterization:**
Substances
- **CAS No. Description**
25038-74-8 Nylon
- **Identification number(s)**
- **EINECS Number:**
Exempt polymer
- **INCI Nylon**

- **Classification of the substance or mixture**
The substance is not classified according to the Globally Harmonized System (GHS).
- **US DOT Regulations** not regulated
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Label elements**
- **Labelling according to EU guidelines:**
The substance is not subject to classification according to the sources of literature known to us.
Observe the general safety regulations when handling chemicals.
- **Safety phrases:**
Keep away from sources of ignition - No smoking.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Take precautionary measures against static discharges.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Trade name: Nylon

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• **HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** Contains substance which generates toxic gas when incinerated
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Dispose of the collected material according to regulations.
- **Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling**
No special measures required.
Store in cool, dry place in tightly closed receptacles.
 - **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.
 - **Specific end use(s)** No further relevant information available.

USA

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8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
 - **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
 - **Breathing equipment:** Not required.
 - **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

9 Physical and chemical properties

- | | |
|---|---|
| • General Information | |
| • Appearance: | solid |
| • Form: | powder |
| • Color: | white |
| • Odor: | Characteristic |
| • Odour threshold: | Not determined. |
| • pH-value: | Not determined. |
| • Change in condition | |
| • Melting point/Melting range: | approx 170 °C (approx 338 °F) |
| • Boiling point/Boiling range: | Undetermined. |
| • Flash point: | Not applicable. |
| • Flammability (solid, gaseous): | Not applicable. |
| • Ignition temperature: | |
| • Decomposition temperature: | Not determined. |
| • Auto igniting: | Not determined. |
| • Danger of explosion: | Product does not present an explosion hazard. |
| • Explosion limits: | |
| • Lower: | Not determined. |
| • Upper: | Not determined. |
| • Vapor pressure: | Not determined. |
| • Density: | Not determined. |
| • Relative density | Not determined. |
| • Vapour density | Not determined. |
| • Evaporation rate | Not applicable. |

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USA

Trade name: Nylon

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- Solubility in / Miscibility with
Water: insoluble
- Segregation coefficient (n-octanol/water): Not determined.
- Viscosity:
 - Dynamic: Not determined.
 - Kinematic: Not determined.
- Other information: No further relevant information available.

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Incompatible materials: avoid heat and moisture
- Hazardous decomposition products: carbon monoxide, carbon dioxide, chlorine chemicals, iodine gas

11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: Can cause slight irritation
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The substance is not subject to classification.

12 Ecological information

- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behavior in environmental systems:
- Bioaccumulative potential: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- DOT regulations:
- Remarks: not regulated

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USA

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• Land transport ADR/RID (cross-border):

• Remarks: not regulated

• Maritime transport IMDG:

• Marine pollutant: No

• Remarks: not regulated

• Air transport ICAO-TI and IATA-DGR:

• Remarks: not regulated

15 Regulatory information

• Sara

• Section 355 (extremely hazardous substances): Substance is not listed.

• Section 313 (Specific toxic chemical listings): Substance is not listed.

• TSCA (Toxic Substances Control Act): Substance is listed.

• Proposition 65

• Chemicals known to cause cancer: Substance is not listed.

• Chemicals known to cause reproductive toxicity for females: Substance is not listed.

• Chemicals known to cause reproductive toxicity for males: Substance is not listed.

• Chemicals known to cause developmental toxicity: Substance is not listed.

• Carcinogenic categories

• EPA (Environmental Protection Agency) Substance is not listed.

• IARC (International Agency for Research on Cancer) Substance is not listed.

• NTP (National Toxicology Program) Substance is not listed.

• TLV (Threshold Limit Value established by ACGIH) Substance is not listed.

• NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed.

• OSHA-Ca (Occupational Safety & Health Administration) Substance is not listed.

• Product related hazard informations:

The substance is not subject to classification according to the sources of literature known to us.

Observe the general safety regulations when handling chemicals.

• Safety phrases:

Keep away from sources of ignition - No smoking.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Take precautionary measures against static discharges.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Department issuing MSDS: Product safety department

• Contact: purchasing@tkbtrading.com

• Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)