



SYNERGYCHEM

Pte. Ltd.

14 Robinson Road #13-00, Far East Finance Building, Singapore 048545. Tel: 65-6240 6870 Fax: 65-6323 1839

Issue. nr.1 – 03/02/14

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identification

- Chemical identification: Nylon 12 compound
- Commercial name: **Nycolon**
type: **A6L-12 series**

1.2 Company name:

Synergychem Pte Ltd.
14, Robinson Road # 13-00
Far east Building Singapore 048545
Tel. 65 6240 6870

2. COMPOSITION / INFORMATION ON INGREDIENTS

- 99% - Polyamide 12 copolymer resin. CAS number : 24937-16-4
- 1% - processing aid
- Linear Formula $(C_{12}H_{23}NO)_n$

3. HAZARDS IDENTIFICATION

3.1. Emergency Overview

These products are not dangerous for human health if correctly processed.

For any further information see points 4 e 11.



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4. FIRST-AID MEASURES

4.1 Description and Warning:

- Inhalation: Go to open air and if the irritation persists, seek medical attention.
- Skin Contact: In normal condition skin contact does not produce irritation, but in case of hypersensitivity rinse contact areas with water and mild soap.
- Eye Contact: Flush eyes with clear water for at least 15 minutes. If the irritation persists, seek medical attention.
- Ingestion: The product is indigestible and inert. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

Foam extinguisher, Powder extinguisher, CO₂, water fog.

5.2 Exposure Hazards from Fire:

During burning gas of uncompleted combustion may be released as CO and small quantity of Hydrocarbons.

5.3 Special Fire Fighting Procedures:

In a sustained fire, self contained breathing apparatus should be worn.



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6. ACCIDENTAL RELEASE MEASURES

- N.A.

7. HANDLING AND STORAGE

7.1. Handling:

During processing at high temperature a suitable Ventilation system is requested.

Keep the product far from heat sources and free flames.

Take usual precautions towards electrostatic charges

Take care of personal hygiene.

7.2 Storage:

Assure ventilation in the warehouse.

Keep the product far from heat source and free flame.

Do not hoard electrostatic charges.



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8. EXPOSURE CONTROLS PERSONAL PROTECTION

8.1. Suitable Personal protection media:

- Respiratory Protection: Not normally requested.
- Hand Protection: Not normally requested.
- Eye Protection: Not normally requested.
- Skin Protection: Not normally requested.

8.2. Special Hygiene Measures:

Do not smoke near product.
Before eating, wash hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: solid pellets
- Odor: Typical
- Specific Weight (kg/m^3): $\cong 1500$
- Solubility: soluble in warm aromatic

10. STABILITY AND REACTIVITY

- **Conditions to avoid:** Stable in recommended storage conditions (see 7.2).
- **Materials to avoid:** None known.

11. TOXICOLOGICAL INFORMATION

Specific information about the product are not available, following information about its components are mentioned:

- **Polymer:** It's not dangerous for human health if correctly processed.
- **Additional Product:** The quantity in the polymer isn't dangerous for human health.

12. ECOLOGICAL INFORMATION

Do not spread the product in the environment.

- **Ecotoxicity** None known
- **Environmental effects:** The product is not biodegradable.



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13.DISPOSAL CONSIDERATION

- **Procedures:**

The product is generally considered to be an inert solid waste, not requiring hazardous waste disposal procedures.

Local and/or national regulations should be consulted to ensure proper disposal procedures.

14.TRANSPORT INFORMATION

No special precautions or restrictions involving transport or conveyance are known.

15.REGULATORY INFORMATION

The product carries no CA, no CAS registry number.

This product is not classified as “dangerous”.

16.OTHER INFORMATION

- N.A. = Not Applicable.
- This material safety data sheet and the information is offered to you in good faith as accurate. We believe that information to be correct but cannot guarantee its accuracy or completeness.