

Safety Data Sheet
COMMISSION REGULATION (EU) 2020/878 of 18 June
2020 amending Annex II to Regulation (EC) No
1907/2006

Printing date 14.07.2025

Version number 1

Revision: 15.07.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** **NUWAX**
- **CAS Number:**
9002-88-4
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Polymer additive, Processing aid, Lubricant
- **Application of the substance / the mixture** additives in coating formulations
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Nimbasia Stabilizers,
F-172 (A&B), F-173,
Indraprastha Industrial Area,
Road No. 3, Kota-324005
Rajasthan, INDIA
- **Further information obtainable from:**
Cell No: +91 8890965454
Email: info@nimbasia.com
- **1.4 Emergency telephone number:**
Contact details of European importer
Emergency telephone number:
Telephone number of EU importer:
Opening hours:
Other Comments (e.g. language(s) of the phone service): English

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Not applicable.
- **Hazard pictograms** No hazard pictogram
- **Signal word** No signal word
- **Hazard statements** Not applicable
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** No further relevant information available.
- **vPvB:** No further relevant information available.

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SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterisation: Substances**

- **CAS No. Description**

9002-88-4 Polyethylene low density

- **Additional information:**

CAS no.: 9002-88-4

EC / List no.: 618-339-3

Molecular Formula: (C₂-H₄)_x

Name: Polyethylene Wax

- **SVHC** The substance is not in the SVHC list.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:**

First aid personnel should pay attention to their own safety.

Do not leave affected persons unattended.

Remove contaminated clothing and shoes.

- **After inhalation:**

Keep person warm and at rest.

Supply fresh air.

- **After skin contact:** In case of contact with skin, clean with soap and water.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:**

Do not give anything by mouth to an unconscious person.

Rinse mouth with water.

- **Information for doctor:** Treat symptomatically and supportively.

- **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

Water fog, dry chemical, foam, carbon dioxide.

- **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

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- **5.2 Special hazards arising from the substance or mixture**
Carbon dioxide, carbon monoxide, irritating smoke
- **5.3 Advice for firefighters** Use standard fire fighting procedures.
- **Protective equipment:** Wear fully protective suit.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin and eyes.
Ensure adequate ventilation
Avoid formation of dust.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Handle in accordance with good industrial hygiene and safety practice.
Always wash hands with soap and water after handling.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
Store only in the original receptacle.
Do not store with incompatible materials.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Keep container tightly sealed.
Check all containers are clearly labelled and free from leaks.
- **Information about storage in one common storage facility:** Protect from moisture.
- **Further information about storage conditions:**
Local ventilation is needed at bulk vessel openings.
- **7.3 Specific end use(s)** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:**
No further data; see section 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Dust-protection mask
- **Protection of hands:**

**Protective gloves**

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:**

**Tightly sealed goggles**

- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:** Solid

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· Form:	pellets powder
· Colour:	White
· Odour:	slight, product specific
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	90 -126 °C
Initial boiling point and boiling range:	Undetermined.
· Flash point:	230 °C
· Flammability	Not flammable
· Decomposition temperature:	Not determined.
· Ignition temperature:	410 °C
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	0.88-0.97 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Slightly soluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity

No hazardous reactions when stored and handled according to the prescribed instructions.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Avoid contact with incompatible materials
- **10.5 Incompatible materials:** Strong oxidizing agents, fluorine
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values relevant for classification:**
- | | | |
|------|------|--------------------|
| Oral | LD50 | > 2000 mg/kg (rat) |
|------|------|--------------------|
- **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation**
Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation**
Based on available data, the classification criteria are not met.
 - **Additional toxicological information:**
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
 - **STOT-single exposure** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.
 - **11.2 Information on other hazards**
 - **11.2.1 Endocrine disrupting properties:** The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100.
 - **11.2.2 Information on other hazard:** No further information is available.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

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· **Additional ecological information:**· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties:** The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100.

· **12.7 Other adverse effect:** No further information is available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**· **Recommendation**

Dispose of as hazardous waste in compliance with local and national regulations.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN-Number**· **ADR, IMDG, IATA**

Not Regulated.

· **14.2 UN proper shipping name**· **ADR, IMDG, IATA**

Not Regulated.

· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class**

Not Regulated.

· **14.4 Packing group**· **ADR, IMDG, IATA**

Not Regulated.

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex
II of Marpol and the IBC Code**

Not applicable.

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· **UN "Model Regulation":** Not Regulated.

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008** Not applicable
- **Hazard pictograms** No pictogram
- **Signal word** No signal word
- **Hazard statements** Not applicable
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- International Inventories
- Australian Inventory of Industrial Chemicals (AIIC): Listed
- China - Chemical Inventory of Existing Chemical Substances (IECSC) - CAS Numbers: Listed
- Environment Canada - Domestic Substances List (DSL): Listed
- EPA - TSCA - Inventory: Listed
- Korea - KE Numbers: Listed
- Mexico - National Inventory of Chemical Substances: Listed
- New Zealand - Inventory of Chemicals (NZIoC): Listed
- Philippine Inventory of Chemicals and Chemical Substances (PICCS): Listed
- Russia - Occupational Exposure Limits (OELs): Listed
- Taiwan Chemical Substance Inventory (TCSI): Listed
- Thailand - First Existing Chemicals Inventory: Listed
- Vietnam National Chemical Inventory (Draft): Listed
- **Substances of very high concern (SVHC) according to REACH, Article 57**
- The substance is not in the SVHC list.
- **15.2 Chemical safety assessment:**
- A Chemical Safety Assessment has not been carried out.

SECTION 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.

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· **Department issuing SDS:** Product safety department.

· **Contact:**

Cell No: +91 8890965454

Email: info@nimbasia.com

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

· **Sources**

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No. 1907/2006.

ECHA Registration Dossier

Toxplanet

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