



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## HYLON N10xx BLACK

Revision date: 19.10.2021

Product code: HYLON\_N10xxBLACK

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **General information**

First aider: Pay attention to self-protection!  
Provide adequate ventilation.

##### **After inhalation**

Provide adequate ventilation.  
In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.  
Consult physician.

##### **After contact with skin**

The melted product can cause severe burns.  
Do not use force or solvents to remove product incrustations from affected skin areas.  
After contact with molten product, cool skin area rapidly with cold water.  
Consult physician.

##### **After contact with eyes**

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

##### **After ingestion**

No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.  
Do NOT induce vomiting.  
Consult physician.

#### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Burns caused by molten material must be treated clinically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Water and Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Sand.

##### **Unsuitable extinguishing media**

No information available.

#### 5.2. Special hazards arising from the substance or mixture

Carbon dioxide Carbon monoxide hydrocarbons. Nitrogen oxides (NO<sub>x</sub>).

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

High slip hazard because of leaking or spilled product. (Granulate)

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### 6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Do not empty into drains.

#### 6.4. Reference to other sections

Personal protection equipment: see section 8

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**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation. Equipment with built-in suction provisions.

**Advice on protection against fire and explosion**

Provide earthing of containers, equipment, pumps and ventilation facilities. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Dust should be exhausted directly at the point of origin. Dust can form an explosive mixture with air.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in a cool place.

Provide adequate ventilation.

**Advice on storage compatibility**

storage stability:

storage temperature: &lt; 40 °C

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1333-86-4	Carbon black	-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	WEL

**Additional advice on limit values**

For some additives used in this product exposure limits exist. However, they are incorporated in the product and under normal processing conditions no exposure is to be expected.

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation as well as local exhaust at critical locations.

**Protective and hygiene measures**

When using do not eat, drink or smoke. Do not breathe dust.

**Eye/face protection**

Wear eye/face protection.

**Hand protection**

Wear suitable gloves.

**Skin protection**

Only wear fitting, comfortable and clean protective clothing.

**Respiratory protection**

Respiratory protection necessary at: In the case of the formation of dust (half-mask with filter (DIN EN 149).)

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: solid (Granulate)  
 Colour: black  
 Odour: odourless to mild

**Test method**

pH-Value: not applicable

**Changes in the physical state**

Melting point: 255-275 °C  
 Initial boiling point and boiling range: not applicable  
 Flash point: not applicable

**Flammability**

Solid: No information available.

**Explosive properties**

In the case of the formation of dust: Dust explosive.

Lower explosion limits: not applicable  
 Upper explosion limits: not applicable  
 Ignition temperature: not applicable

**Auto-ignition temperature**

Solid: No information available.

Decomposition temperature: &gt; 300 °C

**Oxidizing properties**

not applicable

Vapour pressure: not applicable

Density: 1,25-1,50 g/cm<sup>3</sup>Bulk density: 600 - 800 kg/m<sup>3</sup>

Water solubility: insoluble

Partition coefficient: not applicable

Viscosity / kinematic: not applicable

Vapour density: not applicable

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

This material is considered to be non-reactive under normal use conditions.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.5. Incompatible materials**

No information available.

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### 10.6. Hazardous decomposition products

Carbon dioxide Carbon monoxide hydrocarbons. Nitrogen oxides (NOx).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### **Toxicokinetics, metabolism and distribution**

No information available.

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

#### **Sensitising effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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.

#### **Further information**

When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.

## SECTION 12: Ecological information

### 12.1. Toxicity

Insoluble in: Water.

### 12.2. Persistence and degradability

According to experiences this product is inert and not degradable.

### 12.3. Bioaccumulative potential

Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No information available.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Refer to manufacturer or supplier for information on recovery or recycling.

Material recycling possible.

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**SECTION 14: Transport information****Land transport (ADR/RID)**

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 0%

2004/42/EC (VOC): 0%

**National regulatory information****15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

This safety datasheet should be used in conjunction with technical datasheets. It does not replace them. The

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information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility. Furthermore, this safety datasheet is made up based on the legal requirements as set by EC 1272/2008 based on information as is available per July 2017 ( date of entry into force ). That information that is not yet filled in depends on the input we receive from our suppliers following the time scale as foreseen by EC 1272/2008 and depends solely on the registration of the concerned substances.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*