

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## HYLON N2040HFS NAT

Revision date: 02.04.2021

Product code: 3028

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

#### 1.1. Product identifier

HYLON N2040HFS NAT

##### Further trade names

HYLON N2040HFS NAT

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Use of the substance/mixture

Manufacturing of plastic articles and goods including compounding and conversion, eventually recycling.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Ravago Petrokimya Üretim A.S.
Street:	Çoraklar Mh. 5000 Sok. N:7-17 Aliaga Org.San.Bölg.
Place:	TR Aliaga / IZMIR (Turkey)
Telephone:	+90 850 314 70 99
e-mail:	cansu.onder@ravago.com
Contact person:	Cansu Onder Telephone:0 850 314 70 99 / 1396
e-mail:	cansu.onder@ravago.com
Internet:	www.ravagopetrokimya.com.tr

#### 1.4. Emergency telephone number:

0 850 314 70 99  
Only during office hours ( 8 am - 5 pm )

#### Further Information

Type of use: Injection moulding. blow moulding. Extrusion. Compression moulding.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

#### 2.3. Other hazards

The hazards of this product are mainly associated with its processing  
See section 11 for more detailed information on health effects and symptoms

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Glass fiber filled Thermoplastic polymer (PA 6)

### 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.

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### 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. Do not allow to enter into soil/subsoil.

### 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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Measures to prevent aerosol and dust generation

### 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:

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storage temperature: < 40 °C unlimited durability.  
No special precautionary measures are necessary.

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

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

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

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

**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).)

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

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

**Test method****Changes in the physical state**

Melting point: 215-235 °C

Flash point: not applicable

**Explosive properties**

In the case of the formation of dust Dust explosive.

**Oxidizing properties**

not applicable

Vapour pressure: not applicable

Density: 1.34 g/cm<sup>3</sup>

Water solubility: insoluble

**9.2. Other information**

point of decomposition &gt; 270 °C

Package density: 600 -800 kg/m<sup>3</sup>**SECTION 10: Stability and reactivity**

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#### **10.1. Reactivity**

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

#### **10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

#### **10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

#### **10.4. Conditions to avoid**

No information available.

#### **10.5. Incompatible materials**

No information available.

#### **10.6. Hazardous decomposition products**

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

#### **Further information**

No risks worthy of mention.

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

##### **Toxicocinetics, metabolism and distribution**

No information available.

##### **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**

Experience so far shows this product to be inert and not degradable.

#### **12.3. Bioaccumulative potential**

Due to the consistency along with the low water solubility of the product, 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)

**14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.  
**14.3. Transport hazard class(es):** none

#### Inland waterways transport (ADN)

**14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.  
**14.3. Transport hazard class(es):** none

#### Marine transport (IMDG)

**14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.  
**14.3. Transport hazard class(es):** none

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

**14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.  
**14.3. Transport hazard class(es):** none

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulatory information

2004/42/EC (VOC): 0%

##### National regulatory information

### 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 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.

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