

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HYLON N1000H2LFRB0 BK397

Revision date: 01.04.2021

Product code: 3016

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

1.1. Product identifier

HYLON N1000H2LFRB0 BK397

Further trade names

HYLON N1000H2LFRB0 BK397

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

Hazard categories:

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazard Statements:

May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazard components for labelling

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compd. with 1,3,5-triazine-2,4,6-triamine (1:1)

Additional advice on labelling

For this product, a hazard label is not required according to section 1.3.4 of Annex I of the CLP regulation.

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

Thermoplastic polymer (PA 6) (PA66)

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
37640-57-6	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compd. with 1,3,5-triazine-2,4,6-triamine (1:1)			10-15 %
	253-575-7		01-2119510711-53	
	STOT RE 2; H373			

Full text of H and EUH statements: see section 16.

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 (CO₂). 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_x).

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**

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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:

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****Exposure limits (EH40)**

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

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
37640-57-6	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, compd. with 1,3,5-triazine-2,4,6-triamine (1:1)			
Worker DNEL, long-term		inhalation	systemic	0,21 mg/m ³

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.

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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:	black
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
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Density:	1.34 g/cm ³
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Water solubility:	insoluble
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9.2. Other information

point of decomposition	> 270 °C
Package density:	600 -800 kg/m ³

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 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****Toxicokinetics, metabolism and distribution**

No information available.

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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.

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**

2010/75/EU (VOC): 0%

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2004/42/EC (VOC): 0%

National regulatory information

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H373 May cause damage to kidneys through prolonged or repeated exposure by swallowing.

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.)