



NITROBLOCK HKR-NB

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: NITROBLOCK - HKR-NB

Other means of identification:

not relevant

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

Relevant identified uses: Manufacture of rubber parts

Uses advised against: Any use not specified in this section or in subsection 7.3

1.3 Details of the supplier of the safety data sheet:

STARDUSTCOLORS SAS
ZA de TESAN, PLAN SUD
30126 ST LAURENT DES ARBRES, FRANCE
Tel.: +33 466 50 61 66
info@stardustcolors.com

1.4 Emergency call number: +33 (0)1 45 42 59 59

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Regulation n° 1272/2008 (CLP) :

The classification of this product has been carried out in accordance with Regulation No. 1272/2008 (CLP).

Aquatic Chronic 3: Chronic aquatic hazard, Category 3, H412

2.2 Label elements: Regulation

No. 1272/2008 (CLP) :

Hazard statements :

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Precautionary advice :

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P273: Avoid release to the environment.

P501: Dispose of the content and/or its container through the selective collection system activated in your municipality.

Additional information :

EUH208: Contains zinc bis(dibutyldithiocarbamate). May produce an allergic reaction.

2.3 Other hazards:

The product does not meet the criteria for persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB) substances

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Not concerned

3.2 Mixtures:

Chemical description: Aqueous mixture based on natural and synthetic resins

Components:

According to Annex II of Regulation (EC) n°1907/2006 (point 3), the product contains:

Identification	Chemical name / classification		Concentration
CAS: 1336-21-6 EC: 215-647-6 Index: 007-001-01-2 REACH: 01-2119982985-14-XXXX	Ammonia	ATP CLP00	<1%
	Regulation 1272/2008	Aquatic Acute 1: H400; Skin Corr. 1B: H314; STOT SE 3: H335 - Danger	

^{1/1} Substance which presents a risk to health or the environment which meets the criteria set out in Regulation (EU) No 2015/830

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Chemical name / classification		Concentration
CAS: 1314-13-2 EC: 215-222-5 Index: 030-013-00-7 REACH: 01-2119463881-32-XXXX	Zinc oxide	ATP CLP00	<0.25%
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning 	
CAS: 136-23-2 EC: 205-232-8 Index: Not applicable REACH: 01-2119535161-51-XXXX	Zinc bis(dibutylthiocarbamate)	ATP CLP00	<0.25%
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Warning  	

⚠ Substance which presents a risk to health or the environment which meets the criteria set out in Regulation (EU) No 2015/830

For more information on the hazards of the product, see sections 11, 12 and 16.

SECTION 4: FIRST AID

4.1 Description of first aid:

Symptoms resulting from poisoning may occur after exposure, so if in doubt, any direct exposure to the chemical or persistence of discomfort requires medical attention, providing the MSDS of the product concerned.

By inhalation:

This is a product considered non-hazardous by inhalation. It is however recommended, in the event of symptoms of intoxication, to remove the affected person from the place of exposure, to provide him with clean air and to keep him at rest. Seek medical attention if symptoms persist.

By skin contact:

This is a product considered non-hazardous by contact with the skin. However, it is recommended, in the event of contact with the skin, to remove contaminated clothing and shoes, to rinse the skin or to have the affected person take a shower, if necessary with plenty of cold water and soap. neutral. In case of serious affection, consult a doctor.

By eye contact:

Flush eyes with water for at least 15 minutes. If the injured person uses contact lenses, these must be removed provided that they are not stuck to the eyes, in which case this could cause additional injuries. In all cases and after cleaning, it will be necessary to go to a doctor as soon as possible with the MSDS of the product.

By ingestion/aspiration:

Do not induce vomiting. If vomiting occurs, keep head tilted forward to prevent aspiration.
Keep affected person at rest. Rinse mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are those reported in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

not relevant

SECTION 5: FIRE FIGHTING MEASURES

5.1 Means of extinction:

Suitable extinguishing media:

Non-flammable product under normal conditions of storage, handling and use. In the event of ignition caused by improper handling, storage or use, preferably use multi-purpose powder extinguishers (ABC powder), in accordance with the regulations on fire protection installations.

Unsuitable extinguishing media :

not relevant

5.2 Special hazards arising from the substance or mixture:

The reaction following combustion or thermal decomposition can be very toxic and therefore represent a very high health risk.

5.3 Advice for firefighters:

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SECTION 5: FIRE FIGHTING MEASURES (continued)

Depending on the size of the fire, it may be necessary to wear full protective clothing and personal breathing equipment. Have a minimum of emergency facilities or intervention elements (fireproof blankets, first aid kit, etc.) in accordance with Directive 89/654/EC.

Additional Provisions :

Intervene in accordance with the Internal Emergency Plan and the Information Sheets relating to interventions in the event of accidents and other emergencies. Remove all sources of ignition. In the event of fire, cool storage containers for products liable to ignite or explode due to high temperatures. Avoid spillage of products used to extinguish the fire in the aquatic environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people in charge of this task. In case of potential contact with the spilled product, it is mandatory to wear personal protective equipment (See section 8). Evacuate area and keep unprotected people away.

6.2 Environmental precautions:

It is essential to avoid any type of spillage in the aquatic environment. Store absorbed product in airtight containers. Notify the competent authority in the event of exposure to the public or the environment.

6.3 Methods and material for containment and cleaning up:

We recommend:

Absorb spill with sand or inert absorbent and remove to safe place. Do not absorb in sawdust or other combustible absorbents. For any other information relating to disposal, see section 13.

6.4 Reference to other headings:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe handling

Comply with the legislation in force regarding the prevention of risks at work. Keep containers airtight. Control spillage and waste, disposal by safe methods (chapter 6). Avoid free spillage from container. Maintain orderly and clean places where hazardous products are handled.

B.- Technical recommendations for the prevention of fires and explosions.

Non-flammable product under normal conditions of storage, handling and use. It is recommended to proceed with the transfer slowly to avoid causing electrostatic discharges which could affect flammable products. See section 10 for conditions and materials to avoid.

C.- Technical recommendations for the prevention of ergonomic and toxicological risks.

For exposure control see section 8. Do not eat, drink and smoke in work areas; Wash your hands after every use; remove contaminated clothing and protective equipment before entering a food service area

D.- Technical recommendations for the prevention of environmental risks

Because of the danger of this product for the environment, it is recommended to handle it inside an area with pollution control barriers in case of spillage and also to have absorbent material nearby.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical storage measures

Minimum temperature: 5 °C

Maximum temperature: 30 °C

Maximum duration: 6 months

B.- General storage conditions

Avoid all sources of heat, radiation, static electricity and contact with food. For further information see subsection 10.5

7.3 Specific end use(s):

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SECTION 7: HANDLING AND STORAGE (continued)

With the exception of the indications already specified, it is not necessary to follow special recommendations concerning the use of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters :

Substances whose occupational exposure limit values must be checked in the workplace:

INRS (Revision/Update: Decree no. 2021-434 of April 12, 2021):

Identification		Occupational Exposure Limits		
zinc oxide CAS: 1314-13-2 EC: 215-222-5		VME		5mg/m ³
		VLCT		

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
zinc oxide CAS: 1314-13-2 EC: 215-222-5	Oral	not relevant	not relevant	not relevant	not relevant
	Dermal	not relevant	not relevant	83mg/kg	not relevant
	Inhalation	not relevant	not relevant	5mg/m ³	0.5mg/m ³
zinc bis(dibutylidithiocarbamate) CAS: 136-23-2 EC: 205-232-8	Oral	not relevant	not relevant	not relevant	not relevant
	Dermal	not relevant	not relevant	800mg/kg	not relevant
	Inhalation	not relevant	not relevant	6mg/m ³	not relevant

DNEL (Population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
zinc oxide CAS: 1314-13-2 EC: 215-222-5	Oral	not relevant	not relevant	0.83mg/kg	not relevant
	Dermal	not relevant	not relevant	83mg/kg	not relevant
	Inhalation	not relevant	not relevant	2.5mg/m ³	not relevant
zinc bis(dibutylidithiocarbamate) CAS: 136-23-2 EC: 205-232-8	Oral	not relevant	not relevant	1mg/kg	not relevant
	Dermal	not relevant	not relevant	480mg/kg	not relevant
	Inhalation	not relevant	not relevant	2mg/m ³	not relevant

PNECs:

Identification					
zinc oxide CAS: 1314-13-2 EC: 215-222-5	PLS	0.1mg/L	Pure water		0.0206mg/L
	Floor	35.6mg/kg	Sea water		0.0061mg/L
	Intermittent	not relevant	Sediments (Freshwater)		117.8mg/kg
	Oral	not relevant	Sediments (Sea water)		56.5mg/kg
zinc bis(dibutylidithiocarbamate) CAS: 136-23-2 EC: 205-232-8	PLS	0.00365mg/L	Pure water		0.00032mg/L
	Floor	6.4mg/kg	Sea water		0.000032mg/L
	Intermittent	0.0074mg/L	Sediments (Freshwater)		32mg/kg
	Oral	0.00456g/kg	Sediments (Sea water)		3.2mg/kg

8.2 Exposure controls:

A.- General safety and hygiene measures in the workplace

As a preventive measure, it is recommended to use basic personal protective equipment, with the corresponding <CE marking>. For more information on personal protective equipment (storage, use, cleaning, maintenance, type of protection, etc.), consult the information brochure provided by the manufacturer of the PPE.
The indications given in this point relate to the pure product. The protective measures concerning the diluted product may vary according to its degree of dilution, its use, the method of application, etc. To determine the obligation to install safety showers and/or emergency eye wash stations in warehouses, comply with the regulations concerning the storage of chemical products applicable in each case. For more information, see sub-sections 7.1 and 7.2. All the information contained here is a recommendation that requires specification by the Occupational Risk Prevention Services, if the company has additional measures.

B.- Respiratory protection.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	EPP	Marking	ECN standards	Comments
 Lane protection mandatory respiratory	Self-filtering mask against gases and vapors (Filter type: K)		EN 405:2002+A1:2010	To be replaced when an odor or taste of the contaminating product inside the mask or the facial adapter is detected. When the contaminant does not show the correct warnings, it is recommended to use isolating equipment.

C.- Specific hand protection.

Pictogram	EPP	Marking	ECN standards	Comments
 Hand protection mandatory	Protective gloves against minor risks (Material: PVC, Penetration time: > 120 min, Thickness: 0.13 mm)			Replace gloves if damaged. For prolonged periods of product exposure, professional/industrial users are recommended to use CE III gloves, in accordance with EN 420 and EN 374.

Since the product is a mixture of different materials, the resistance of the glove material cannot be calculated in advance in a reliable way and therefore they must be checked before their use.

D.- Face and eye protection

Pictogram	EPP	Marking	ECN standards	Comments
 Mandatory face protection	Panoramic splash/splash goggles		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect regularly following the manufacturer's instructions. To be used if there is a risk of splashing.

E.- Body protection

Pictogram	EPP	Marking	ECN standards	Comments
	Non-slip work shoes		EN ISO 20347:2012	Replace if there is any sign of deterioration. For the prolonged periods of exposure to the product by professional/industrial users, it is recommended to use CE III, in accordance with EN ISO 20345 and EN 13832-1

F.- Complementary emergency measures

Emergency measure	standards	Emergency measure	standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Rinse eye	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls :

Under Community legislation on environmental protection, it is recommended to avoid any spillage of the product but also of its packaging into the environment. For additional information see sub-heading 7.1.D

Volatile organic compounds :

In accordance with the application of Directive 2010/75/EU, this product offers the following characteristics:

VOC (2010/75/EU): 0% weight

VOC concentration at 20 °C: 0 kg/m³ (0 g/L)

Average carbon number: not relevant

Average molecular weight: not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties :

For more information see the product data sheet.

Physical **Appearance** :

Physical state at 20 °C: Liquid

*Not applicable due to the nature of the product / not decisive for the hazard properties of the product

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Aspect:	Emulsion
Color:	☐ White or Transparent
Smell:	Ammonia
Odor threshold:	not relevant *
Volatility:	
Boiling temperature at atmospheric pressure:	100°C
Vapor pressure at 20 °C:	not relevant *
Vapor pressure at 50 °C:	<300000Pa (300kPa)
Evaporation rate at 20 °C:	not relevant *
Product Features :	
Density at 20 °C:	912.6 kg/m ³
Relative density at 20 °C:	0.913
Dynamic viscosity at 20 °C:	not relevant *
Kinematic viscosity at 20 °C:	not relevant *
Kinematic viscosity at 40 °C:	not relevant *
Concentration:	not relevant *
pH:	10 - 11
Vapor density at 20 °C:	not relevant *
Partition coefficient n-octanol/water at 20 °C:	not relevant *
Solubility in water at 20 °C:	
Solubility property:	not relevant *
Decomposition temperature:	not relevant *
Melting Point/Freezing Point:	not relevant *
Explosive properties:	not relevant *
Oxidizing properties:	not relevant *
Flammability:	
Flash point:	Non-flammable (>60°C)
Burning heat:	not relevant *
Flammability (solid, gas):	not relevant *
Auto-ignition temperature:	not relevant *
Lower flammability limit:	not relevant *
Upper flammability limit:	not relevant *
Explosiveness:	
Lower explosive limit:	not relevant *
Upper explosive limit:	not relevant *
9.2 Other information:	
Surface tension at 20 °C:	not relevant *
Refractive index:	not relevant *

*Not applicable due to the nature of the product / not decisive for the hazard properties of the product

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions expected under normal conditions of storage, handling and use. See section 7.

10.2 Chemical stability:

Chemically stable under indicated conditions of storage, handling and use.

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SECTION 10: STABILITY AND REACTIVITY (continued)

10.3 Possibility of hazardous reactions:

Under normal conditions, no hazardous reactions likely to produce excessive pressure or temperatures.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and Friction	contact with air	Warming up	Solar Light	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidizing materials	Combustible materials	Others
Avoid strong acids	Not applicable	Precaution	Not applicable	Avoid alkalines or strong bases

10.6 Hazardous decomposition products :

See subsections 10.3, 10.4 and 10.5 for specific decomposition products. Depending on the conditions of decomposition and at the end of the latter, certain complex mixtures based on chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

No experimental data concerning the mixture and its toxicological properties are available.

Hazardous health effects :

In the event of repeated, prolonged exposure or concentrations above those established by the occupational exposure limits, adverse health effects may occur depending on the route of exposure:

A- Ingestion (acute effects):

- Acute toxicity: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous for ingestion. For more information, see section 3.
- Corrosivity/irritability: Based on available data, the classification criteria are not met, however the product contains substances classified as dangerous for this purpose. For more information, see section 3.

B- Inhalation (acute effects):

- Acute toxicity: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous by inhalation. For more information, see section 3.
- Corrosivity/irritability: Based on available data, the classification criteria are not met, however the product contains substances classified as dangerous for this purpose. For more information, see section 3.

C- Contact with skin and eyes (acute effects):

- Skin contact: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous in contact with skin. For more information, see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, however the product contains substances classified as dangerous for this context. For more information, refer to the section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous based on the effects described. For more information, see section 3.
IARC: Not relevant
- Mutagenicity: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous for this purpose. For more information, see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous for this purpose. For more information, see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous with sensitizing effects. For more information, see section 3.
- Dermal: Based on available data, the classification criteria are not met, however the product contains substances classified as dangerous with sensitizing effects. For more information, see section 3.

F- Specific target organ toxicity (STOT)-exposure time:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Based on available data, the classification criteria are not met, however the product contains substances classified as hazardous by inhalation. For more information, see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as the product does not contain substances classified as hazardous for this purpose. For more information, see section 3.

- Skin: Based on available data, the classification criteria are not met, as the product does not contain substances classified as dangerous for this purpose. For more information, see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as the product does not contain substances classified as hazardous for this purpose. For more information, see section 3.

Other information:

not relevant

Substance -specific toxicological information :

Identification	Severe toxicity		Gender
ammonia CAS: 1336-21-6 EC: 215-647-6	Oral LD50	>2000mg/kg	
	Dermal LD50	>2000mg/kg	
	LC50 inhalation	not relevant	
zinc oxide CAS: 1314-13-2 EC: 215-222-5	Oral LD50	7950mg/kg	The mouse
	Dermal LD50	>2000mg/kg	
	LC50 inhalation	>5mg/L	
zinc bis(dibutylidithiocarbamate) CAS: 136-23-2 EC: 205-232-8	Oral LD50	>2000mg/kg	
	Dermal LD50	>2000mg/kg	
	LC50 inhalation	>5mg/L	

Acute toxicity estimate (ATE mix):

ATE-mix		Ingredients of unknown toxicity
Oral	>2000 mg/kg (Calculation method)	Not concerned
Dermal	>2000 mg/kg (Calculation method)	Not concerned
Inhalation	>20 mg/L (4 h) (Calculation method)	Not concerned

SECTION 12: ECOLOGICAL INFORMATION

No experimental data on the product is available regarding ecotoxicological properties.

12.1 Toxicity:

Identification	Severe toxicity		Species	Gender
ammonia CAS: 1336-21-6 EC: 215-647-6	LC50	>0.1 - 1mg/L (96h)		Fish
	EC50	>0.1 - 1mg/L (48h)		Crustacean
	EC50	>0.1 - 1mg/L (72h)		seaweed
zinc oxide CAS: 1314-13-2 EC: 215-222-5	LC50	0.82 mg/L (96 hrs)	Oncorhynchus kisuch	Fish
	EC50 3.4 mg/L (48 hrs)		Daphnia magna	Crustacean
	EC50 Not relevant			
zinc bis(dibutylidithiocarbamate) CAS: 136-23-2 EC: 205-232-8	LC50	520 mg/L (96 hrs)	Oncorhynchus mykiss	Fish
	EC50 0.74 mg/L (48 hrs)		Daphnia magna	Crustacean
	EC50 Not relevant			

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential :

Identification	Bioaccumulative potential	
ammonia CAS: 1336-21-6 EC: 215-647-6	FBC	
	LogPOW	-0.64
	Potential	

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SECTION 12: ECOLOGICAL INFORMATION (continued)

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

The product does not meet the criteria for persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB) substances

12.6 Other Adverse Effects :

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods :

Coded	Description	Type of waste (Regulation (EU) n °1357/2014)
	It is not possible to assign a specific code, since it depends on the intended use by the recipient	Dangerous

Type of waste (Regulation (EU) n °1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the appropriate waste officer for assessment and disposal in accordance with Schedule 1 and Schedule 2 (Directive 2008/98/EC). In accordance with codes 15 01 (2014/955/UE), in the event that the packaging comes into contact with the product, it must be done in the same way as with the product itself, otherwise it must be treated as non-hazardous waste. It is strongly advised not to pour it into watercourses. See subsection 6.2.

Provisions relating to the treatment of waste:

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or national provisions relating to the treatment of waste are applied.

Community legislation: Directive 2008/98/EC, 2014/955/EC, Regulation (EU) n°1357/2014

SECTION 14: TRANSPORT INFORMATION

Land transport of dangerous goods:

In application of ADR 2021 and RID 2021:

14.1 UN number : not relevant

14.2 UN proper shipping name : not relevant

14.3 Transport hazard class(es) : not relevant

Labels: not relevant

14.4 Packing group : not relevant

14.5 Dangerous for the environment: Nope

14.6 Special precautions for the user

Special provisions: not relevant

tunnel restriction code: Not relevant

Physico-chemical properties: see section 9

Limited quantities: not relevant

14.7 Transport in bulk according to Annex II of the

Marpol Convention and the IBC Code:

Transport of dangerous goods by sea:

In application to IMDG 39-18:



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SECTION 14: TRANSPORT INFORMATION (continued)

- | | |
|---|---------------|
| 14.1 UN number : | not relevant |
| 14.2 UN proper shipping name: | not relevant |
| 14.3 Transport hazard class(es) : | not relevant |
| Labels: | not relevant |
| 14.4 Packing group : | not relevant |
| 14.5 Marine pollutants: | Nope |
| 14.6 Special precautions for user | |
| Special provisions: | not relevant |
| EmS codes: | |
| Physico-chemical properties: | see section 9 |
| Limited quantities: | not relevant |
| Segregation group: | not relevant |
| 14.7 Bulk transport in accordance with Annex II of the Marpol Convention and the IBC Code: | not relevant |

Transport of dangerous goods by air:

In application at IATA/ICAO 2021:

- | | |
|---|---------------|
| 14.1 UN number: | not relevant |
| 14.2 UN Proper Shipping Name : Hazard Class (es) | not relevant |
| 14.3 for transportation: | not relevant |
| Labels: | not relevant |
| 14.4 Packing group : | not relevant |
| 14.5 Dangerous for the environment: | Nope |
| 14.6 Special precautions for the user | |
| Physico-chemical properties: | see section 9 |
| 14.7 Bulk transport in accordance with Annex II of the Marpol Convention and the IBC Code: | not relevant |

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and safety regulations/legislation specific for the substance or mixture environment:

Substances subject to authorization in Regulation (EC) 1907/2006 (REACH): Not relevant

Substances listed in Annex XIV of REACH (authorization list) and expiry date: Not relevant

Regulation (EC) 1005/2009 on substances that perforate the ozone layer: Not relevant

Article 95, REGULATION (EU) No 528/2012: Not relevant

REGULATION (EU) No 649/2012 governing the export and import of dangerous chemicals: Not relevant

Seveso III:

not relevant

Restrictions on the marketing and use of certain hazardous substances and mixtures (Annex XVII REACH, etc.):

Cannot be used:

- in decorative articles intended to produce effects of light or color obtained by different phases, for example in mood lamps and ashtrays,
- in pranks and tricks,
- in games intended for one or more participants or in any article intended to be used as such, even under decorative aspects.

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SECTION 15: REGULATORY INFORMATION (continued)

Special provisions for the protection of persons or the environment:

It is recommended that the information gathered on this safety data sheet be used as starting information for a risk assessment of local circumstances in order to establish the necessary risk prevention measures for handling, use, storage and disposal of the product.

Other legislations:

Notice of 06/04/14 (JORF n°0082) to manufacturers, importers and downstream users who have new information likely to lead to a modification of the harmonized classification and labeling elements of a chemical substance.

Decree No. 2012-530 of April 19, 2012 relating to the marketing and control of substances and mixtures, adaptation to European law and sanctions regime.

Chemical risks: article L 44111 and following of the labor code

General principles of prevention, article L 41211 and following of the labor code.

OCCUPATIONAL DISEASES. GENERAL REGIME. Legal Checklist TJ 19

Installations Classified for the Protection of the Environment (ICPE):

1.- NOMENCLATURE OF CLASSIFIED INSTALLATIONS (Seveso III) Article Annex (3) to article R 5119 of the environment code

2.- Decree No. 2014-285 of March 3, 2014 modifying the nomenclature of installations classified for the protection of the environment

3.- Nomenclature of classified installations, v50bis – February 2021

4.- Technical Guide-Application of the classification of hazardous substances and mixtures to the nomenclature of installations classified for the protection of the environment (INERIS)

15.2 Chemical Safety Assessment :

The supplier has not carried out a chemical safety assessment.

SECTION 16: OTHER INFORMATION

Legislation applying to safety data sheets :

This Safety Data Sheet has been produced in accordance with ANNEX II - Guide for drawing up Safety Data Sheets.

Safety Data of Regulation (EC) No. 1907/2006 (Regulation (EU) No. 2015/830)

Modifications compared to the previous safety data sheet with repercussions on the risk management measures :

not relevant

Texts of legislative sentences in section 2:

H412: Harmful to aquatic organisms with long lasting effects.

Texts of legislative sentences in section 3:

The phrases listed do not relate to the product itself, they are for informational purposes only and refer to the individual components that appear in section 3

Regulation No. 1272/2008 (CLP) :

Aquatic Acute 1: H400 - Very toxic to aquatic organisms.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

Classification method :

Aquatic Chronic 3: Calculation method

Training tips :

A minimum training in risk prevention at work is recommended for the personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet as well as the product labeling.

Sources of main documentation:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:



NITROBLOCK HKR-NB

SECTION 16: OTHER INFORMATION (continued)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Dangerous Goods Code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
COD: Chemical Oxygen Demand
BOD5: Biological oxygen demand after 5 days
BCF: Bioconcentration factor
LD50: Lethal dose 50
LC50: Lethal Concentration 50
EC50: Effective Concentration 50
Log Pow: Octanol/water partition coefficient
UFI: formulation unique identifier

The information contained in this Safety Data Sheet is based on sources, technical knowledge and on the legislation in force at European and national level, and cannot in any way guarantee its accuracy. Said information cannot be considered as a guarantee of the properties of said product. This is just a description regarding the security requirements. The methodology and working conditions of users of this product are beyond our knowledge and control, the user must always assume full responsibility for the measures necessary to take to observe the legal requirements in terms of handling, storage, use and disposal of chemicals. The information contained in this safety data sheet relates only to this product, which should not be used for any purpose other than those stipulated therein.

- END OF SAFETY DATA SHEET -