

**Safety Data Sheet according to Regulation
(EC) 'No. 2020/878****SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking**

1.1	Product Identifier	NC1007000Y29D	Revision Date:	12/07/2023
	Product Name:	Thermo-Lag 270 Grey (Bote 20 kg)	Supersedes Date:	02/05/2022
			Version Number:	2
	UFI Code:	7F62-P0PH-300F-1PQV		
	Contain nanoform:	No		
1.2	Relevant identified uses of the substance or mixture and uses advised against	Professional use only. Advised against: others than recommended		
1.3	Details of the supplier of the safety data sheet			
	Manufacturer:	Perlita y Vermiculita, S.L.U. C/ Garraf s/n.Polígono Industrial Can Prunera 08759 Vallirana(Barcelona) España Tel. +34 936834400 Fax. +34 936834401 info@perlityvermiculita.com www.perlityvermiculita.com		
	Datasheet Produced by:	Auba, Benito - ehs@stoncor.com		
1.4	Emergency telephone number:	CHEMTREC +1 703 5273887 (Outside US) Instituto Nacional de Toxicología +34 91.562.04.20		

SECTION 2: Hazards Identification**2.1 Classification of the substance or mixture**

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

HAZARD STATEMENTS

Germ Cell Mutagenicity, category 1B	H340-1B
Carcinogenicity, category 1B	H350-1B
Reproductive_ToxicityFD_category_1B	H360FD
STOT, repeated exposure, category 2	H373

Hazardous to the aquatic environment, Chronic, category 2

H411

2.2 Label elements**Symbol(s) of Product****Signal Word**

Danger

Named Chemicals on Label

sodium tetraborate, Naphtha (petroleum), hydrodesulfurized heavy

HAZARD STATEMENTS

Allergic effects	EUH208	Contains mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
Germ Cell Mutagenicity, category 1B	H340-1B	May cause genetic defects.
Carcinogenicity, category 1B	H350-1B	May cause cancer.
Reproductive_ToxicityFD_category_1B	H360FD	May damage fertility. May damage the unborn child.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment, Chronic, category 2	H411	Toxic to aquatic life with long lasting effects.

PRECAUTION PHRASES

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P284	Wear respiratory protection.
P308+313	IF exposed or concerned: Get medical advice/attention.
P308+P313	IF exposed or concerned: Get medical advice/attention
P314	Get medical advice/attention if you feel unwell.
P391	Collect spillage.

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

Endocrine disrupting properties - Toxicity**Name According to EEC****CAS-No.**

Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

Endocrine disrupting properties - Ecotoxicity**Name According to EEC****CAS-No.**

Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

SECTION 3: Composition/Information On Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Hazardous ingredients

<u>Name According to EEC</u> <u>EINEC No.</u> <u>CAS-No.</u> <u>REACH Reg No.</u>	<u>%</u>	<u>Classifications</u>	SCL Value: ATE Value: M-Factor:
alumina trihydrate 244-492-7 21645-51-2 01-2119529246-39	25 - <50		SCL Value: - ATE Value: - M-Factor: (acute) - M-Factor: (chronic)
reaction mass 3-methylphenyldi-4-methylphosphate and 4-methylphenyldi-3-methylphenylphosphate and 809-930-9 1330-78-5 01-2119531335-46	2.5 - <10	H361fd-400-410 Aquatic Acute 1, Aquatic Chronic 1, Repr. 2	SCL Value: - ATE Value: - M-Factor: (acute) 1 M-Factor: (chronic)
Naphtha (petroleum), hydrodesulfurized heavy 265-185-4 64742-82-1 -	1.0 - <2.5	H304-331-340-350-372 Acute Tox. 3 Inhalation, Asp. Tox. 1, Carc. 1B, Muta. 1B, STOT RE 1	SCL Value: - ATE Value: - M-Factor: (acute) - M-Factor: (chronic)

barium metaborate monohydrate 237-222-4 13701-59-2 -	1.0 - <2.5	H302-332 Acute Tox. 4 Inhalation, Acute Tox. 4 Oral	SCL Value:	-
			ATE Value:	-
			M-Factor: (acute)	-
			M-Factor: (chronic)	-
sodium tetraborate 603-411-9 1303-96-4 -	1.0 - <2.5	H360FD Repr. 1B	SCL Value:	-
			ATE Value:	-
			M-Factor: (acute)	-
			M-Factor: (chronic)	-
Phosphoric acid, tris(4-methylphenyl) ester 201-105-6 78-32-0 -	0.1 - <1.0	H300 Acute Tox. 1 Oral	SCL Value:	-
			ATE Value:	-
			M-Factor: (acute)	-
			M-Factor: (chronic)	-

Additional Information: The text for CLP Hazard Statements shown above (if any) is given in Section 16.

SECTION 4: First-aid Measures

4.1 Description of First Aid Measures

GENERAL NOTES: When symptoms persist or in all cases of doubt seek medical advice. Show this safety data sheet to the doctor in attendance.

AFTER INHALATION: Remove person to fresh air. If signs/symptoms continue, get medical attention.

AFTER SKIN CONTACT: Consult a doctor in the case of skin irritations or allergic reactions. Use a mild soap if available. In case of contact, immediately flush skin with soap and plenty of water.

AFTER EYE CONTACT: In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

AFTER INGESTION: If large quantities of this material are swallowed, call a physician immediately.

Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

C03.00930170 <undefined> May cause cancer. Danger of serious damage to health by prolonged exposure.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11. When symptoms persist or in all cases of doubt seek medical advice.

SECTION 5: Firefighting Measures**5.1 Extinguishing Media:**

Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above.

5.2 Special hazards arising from the substance or mixture

In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

5.3 Advice for firefighters

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. The product is not flammable.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Avoid contact with skin, eyes and clothing. Sweep up to prevent slipping hazard. Use non-slip safety shoes in areas where spills or leaks can occur.

6.1.2 For emergency responders

See Section 7, 8 and 10 for further information.

6.2 Environmental precautions

Do not contaminate surface water. Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

FURTHER INSTRUCTIONS: Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

SECTION 7: Handling and Storage**7.1 Precautions for safe handling**

Take measures to prevent the build up of electrostatic charge. Always replace cap after use. For personal protection see section 8. Apply technical measures to comply with the occupational exposure limits (see section 8). Handle with adequate industrial hygiene precautions, and respect safety practices.

General industrial hygiene. Wash hands and face before breaks and immediately after handling the product. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Avoid temperatures above 30 °C, direct sunlight and contact with sources of heat. Do not freeze.

STORAGE CONDITIONS: Store at room temperature in the original container. Store in a cool area protected from the sun.

7.3 Specific end use(s)

See information supplied by the manufacturer.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits (EU)

<u>Name</u>	<u>CAS-No.</u>	<u>LTEL ppm</u>	<u>STEL ppm</u>	<u>STEL mg/m3</u>	<u>LTEL mg/m3</u>
alumina trihydrate	21645-51-2				
reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate and	1330-78-5				
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1				
barium metaborate monohydrate	13701-59-2				
sodium tetraborate	1303-96-4				
Phosphoric acid, tris(4-methylphenyl) ester	78-32-0				

<u>Name</u>	<u>CAS-No.</u>	<u>OEL Note</u>
alumina trihydrate	21645-51-2	
reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate and	1330-78-5	
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	
barium metaborate monohydrate	13701-59-2	
sodium tetraborate	1303-96-4	
Phosphoric acid, tris(4-methylphenyl) ester	78-32-0	

FURTHER ADVICE: Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

Chemical Name:

reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate and

EC No.:

809-930-9

CAS-No.:

1330-78-5

DNELs - Derived no effect level

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required							20 µg/kg bw/day
Inhalation				180µg/m3				30 µg/m3
Dermal				410 µg/kg bw/day				150 µg/Kg bw/day

PNEC's - Predicted no effect concentration

Environmental protection target	PNEC
Fresh water	
Fresh water sediments	
Marine water	
Marine sediments	
Food chain	
Microorganisms in sewage treatment	
soil (agricultural)	
Air	

Chemical Name:

Naphtha (petroleum), hydrodesulfurized heavy

EC No.:

265-185-4

CAS-No.:

64742-82-1

DNELs - Derived no effect level

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required							26 mg/kg
Inhalation				330 mg/m3				71 mg/m3
Dermal				44 mg/kg				26 mg/kg

PNEC's - Predicted no effect concentration

Environmental protection target	PNEC
Fresh water	
Fresh water sediments	
Marine water	
Marine sediments	
Food chain	
Microorganisms in sewage treatment	
soil (agricultural)	
Air	

Chemical Name:

barium metaborate monohydrate

EC No.:

237-222-4

CAS-No.:

13701-59-2

DNELs - Derived no effect level

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required				500 µg/kg bw/day			400 µg/kg bw/day
Inhalation	3.5 µg/m ³			7 mg/kg bw/day	900 µg/m ³			600 µg/m ³
Dermal	10 mg/kg bw/day			2.5 mg/m ³	5 mg/kg bw/day			3.5 mg/kg bw/day

PNEC's - Predicted no effect concentration

Environmental protection target	PNEC
Fresh water	7.8 µg/L
Fresh water sediments	55.1 µ/kg sediment dw
Marine water	780 mg/L
Marine sediments	5.51 µ/kg sediment dw
Food chain	
Microorganisms in sewage treatment	10 mg/L
soil (agricultural)	6.45 µg/kg soil dw
Air	

8.2 Exposure controls**Personal Protection**

RESPIRATORY PROTECTION: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

EYE PROTECTION: Safety glasses with side-shields conforming to EN 166.

HAND PROTECTION: Recommended glove material for mixed product: Protective gloves complying with EN 374: Nitril rubber. Viton®.

Body Protection: No Information

OTHER PROTECTIVE EQUIPMENT: Protective suit. Rubber or plastic boots.

ENGINEERING CONTROLS: Avoid contact with skin, eyes and clothing. Apply technical measures to comply with the occupational exposure limits. Make sure a suitable ventilation, specially in closed places.

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

Colour:	Grey
Physical State	Liquid
Odor	CHARACTERISTIC
Odor threshold	Not determined
pH	Not determined
Melting point / freezing point (°C)	Not determined
Boiling point or initial boiling point and boiling range (°C)	N.D. - N.D.
Flash Point, (°C)	Not measured
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Lower and upper explosive limit	Not determined - Not determined

Vapour Pressure	Not determined
Relative vapour density	Not determined
Density and/or relative density	Not determined
Solubility in / Miscibility with water	PARTIALLY MISCIBLE
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Kinematic viscosity	Not determined
Particle characteristics	Not applicable to liquids

9.2 Other information

VOC Content g/l:	29
Specific Gravity (g/cm ³)	1,210

SECTION 10: Stability and Reactivity

10.1 Reactivity

No reactivity hazards known under recommended storage and use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No reactivity hazards known under normal storage and use conditions.

10.4 Conditions to avoid

Avoid temperatures above 30 °C, direct sunlight and contact with sources of heat. Do not freeze.

10.5 Incompatible materials

Strong acids and strong bases.

10.6 Hazardous decomposition products

In case of fire **hazardous decomposition products** may be produced such as: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute Toxicity:

Oral LD50:	No information available.
Inhalation LC50:	No information available on the product itself as the product is not tested.
Dermal LD50:	No information available on the product itself as the product is not tested.

Irritation: Allergic effects

Corrosivity: No information available.

Sensitization: May cause sensitization by inhalation.

Repeated dose toxicity: No information available.

Carcinogenicity: Carcinogenic

Mutagenicity:	Reproductive Toxicity, category 1B
Toxicity for reproduction:	Reproductive Toxicity, category 1B
STOT-single exposure:	No information available.
STOT-repeated exposure:	No information available.
Aspiration hazard:	No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.
Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>	<u>Gas LC50</u>	<u>Dust/Mist LC50</u>
21645-51-2	alumina trihydrate	>2000 mg/Kg (LD50, rat)			0.000	0.000
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	>2000 mg/kg, rat, oral	>2000	5 mg/l/4h (rat)	0.000	0.000
13701-59-2	barium metaborate monohydrate		>2000		0.000	0.000
1303-96-4	sodium tetraborate				0.000	> 2.04
78-32-0	Phosphoric acid, tris(4- methylphenyl) ester	> 2 000			0.000	0.000

Additional Information:

No Information

11.2 Information on other hazards

Endocrine disrupting properties - Toxicity

Name According to EEC

CAS-No.

Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

SECTION 12: Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia):	No information
IC50 72hr (Algae):	No information
LC50 96hr (fish):	No information

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

12.4 Mobility in soil: No information

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Endocrine disrupting properties

Endocrine disrupting properties - Ecotoxicity

Name According to EEC

CAS-No.

Based on the available data, the product does not contain substances identified as having endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration of 0,1% or higher.

12.7 Other adverse effects: No information

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
21645-51-2	alumina trihydrate	>10000	No information	>10000 mg/l
1330-78-5	reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate and	0.146 mg/L (water flea)	0.4042 mg/L (green algae)	0.6 mg/L (rainbow trout)
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	No information	No information	
13701-59-2	barium metaborate monohydrate	No information		
1303-96-4	sodium tetraborate		No information	

SECTION 13: Disposal Considerations

13.1 WASTE TREATMENT METHODS: Dispose of as special waste in compliance with local and national regulations. 080111 - waste paint and varnish containing organic solvents or other dangerous substances 150110 - packaging containing residues of or contaminated by dangerous substances

European Waste Code: 08 01 11*

Packaging Waste Code: 15 01 10*

SECTION 14: Transport Information

	ADR/RID	ADN	IMDG	IATA
14.1 UN-number or ID number	UN 3082	UN 3082	UN 3082	UN 3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate)	ENVIRONMENTAL LY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosph hate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphat e)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate)
14.3 Transport Hazard Class(es)	3	3	3	3
14.4 Packing Group	III	III	III	III
14.5 Enviromental Hazards	Marine pollutant: Yes (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate)	Marine pollutant: Yes (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosph ate)	Marine pollutant: Yes (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphat e)	Marine pollutant: Yes (reaction mass 3-methylphenyldi-4-methyl phosphate and 4-methylphenyl di-3-methylphenylphosphate)
14.6 Special precautions for user	Not applicable			
EmS-No.:	F-A, S-F			
14.7 Maritime transport in bulk according to IMO intruments	Not applicable			

SECTION 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation for the substance or mixture:****National Regulations:**

Denmark Product Registration Number:	Not available
Danish MAL Code:	Not available
Danish MAL Code - Mixture:	Not available
Sweden Product Registration Number:	Not available
Norway Product Registration Number:	Not available
Germany WGK Class:	3

Directive 2004/42/CE:	Not available
Covered by Directive 2012/18/EC (Seveso III):	E2
Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006:	Entry 3

Annex XIV, Regulation (CE) 1907/2006 - Authorisation List:

<u>CAS-No.</u>	<u>Name According to EEC</u>
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Not Applicable

SVHC - Substances of very high concern (Candidate List - Art. 59 REACH):

<u>CAS-No.</u>	<u>Name According to EEC</u>
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1303-96-4	sodium tetraborate
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15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other Information

Text for CLP Hazard Statements shown in Section 3 describing each ingredient:

H300	Fatal if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H340	May cause genetic defects.
H350	May cause cancer.
H360FD	May damage fertility. May damage the unborn child.
H361fd	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Reasons for revision

Substance Chemical Name Changed

Substance and/or Product Properties Changed in Section(s) :

- 01 - Identification
- 02 - Hazard Identification
- 03 - Composition/Information On Ingredients
- 08 - Exposure Controls/Personal Protection
- 09 - Physical and Chemical Properties
- 11 - Toxicological Information
- 12 - Ecological Information
- 13 - Disposal Information
- 14 - Transportation Information
- 15 - Regulatory Information

Composition Information Changed

Revision Statement(s) Changed

This is a new Safety Data Sheet (SDS).

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

Acronym & Abbreviation Key:

CLP	Classification, Labeling & Packaging Regulation
EC	European Commission
EU	European Union
US	United States
CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Chemical Substances
REACH	Registration, Evaluation, Authorization of Chemicals Regulation
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
LTEL	Long term exposure limit
STEL	Short term exposure limit
OEL	Occupational exposure limit
ppm	Parts per million
mg/m3	Milligrams per cubic meter
TLV	Threshold Limit Value
ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limits
VOC	Volatile organic compounds
g/l	Grams per liter
mg/kg	Milligrams per kilogram
N/A	Not applicable
LD50	Lethal dose at 50%
LC50	Lethal concentration at 50%
EC50	Half maximal effective concentration
IC50	Half maximal inhibitory concentration
PBT	Persistent bioaccumulative toxic chemical
vPvB	Very persistent and very bioaccumulative
EEC	European Economic Community
ADR	International Transport of Dangerous Goods by Road
RID	International Transport of Dangerous Goods by Rail
UN	United Nations

IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association
MARPOL	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978
IBC	International Bulk Container
RTI	Respiratory Tract Irritation
NE	Narcotic Effects
IMO	International Maritime Organization
Note P:	The classification as a carcinogen or mutagen need not apply; the substance contains less than 0,1 % w/w benzene
Note 10:	The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$.

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.