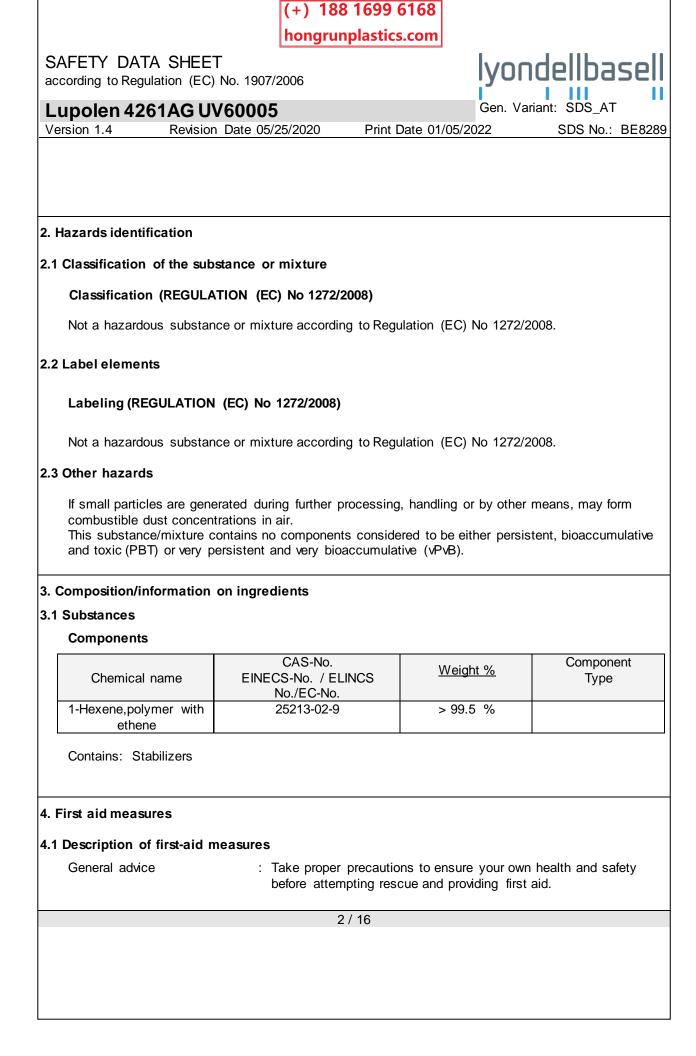
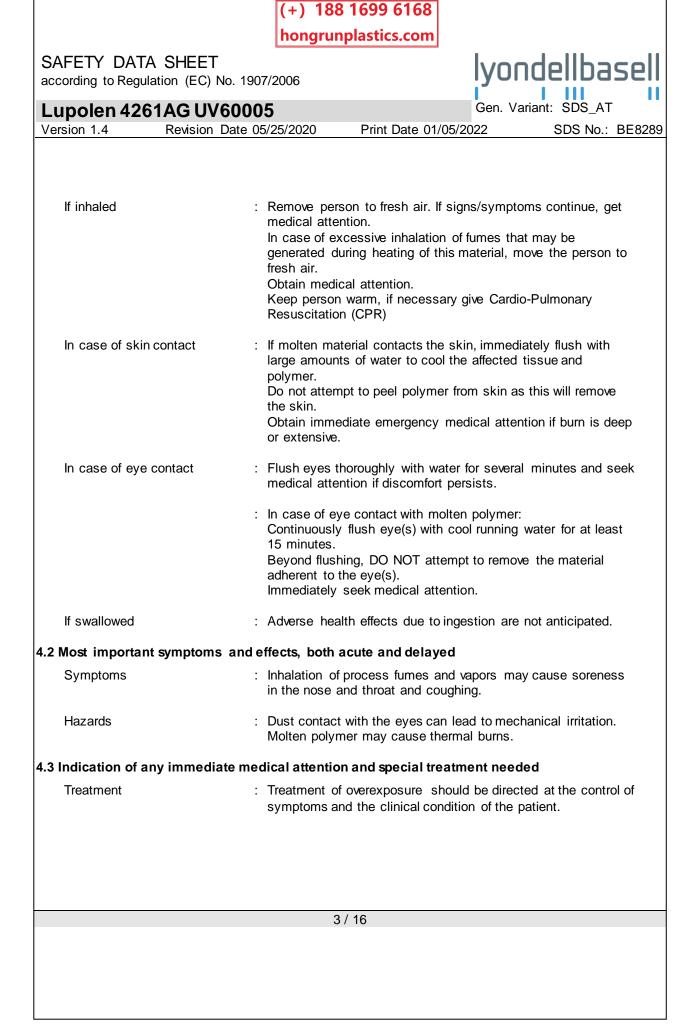
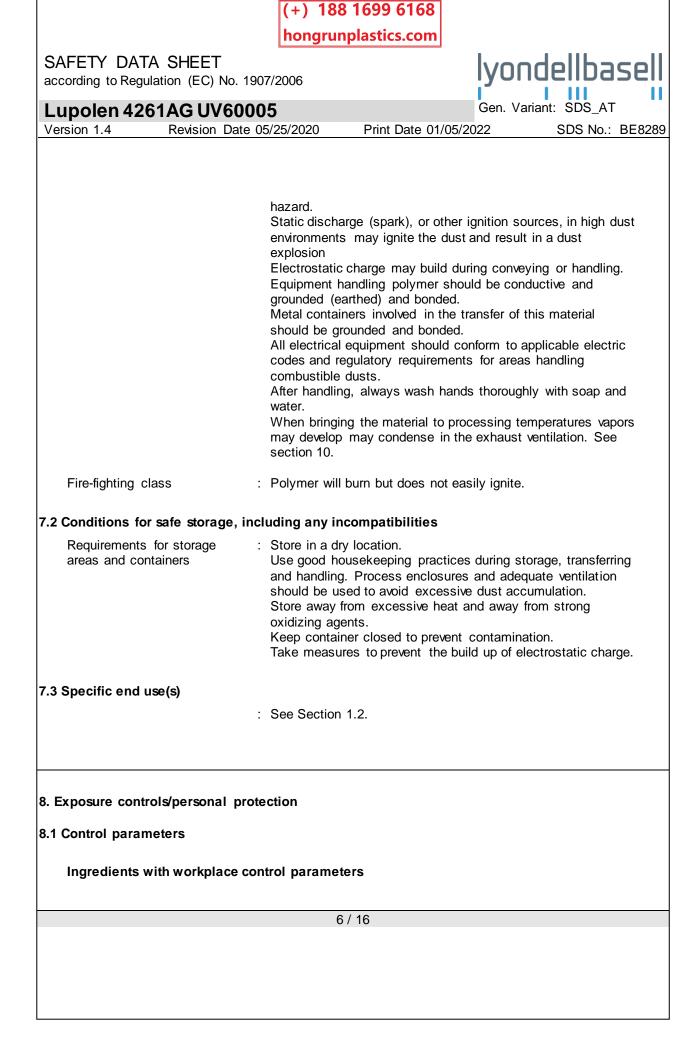
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SAFETY DATA SHEET			lvon	dellbasell
according to Regulation (EC) No	. 1907/2006		I y O I I	
Lupolen 4261AG UV6	0005		Gen. Vari	iant: SDS_AT
Version 1.4 Revision Da	ate 05/25/2020	Print Date 01/05/	2022	SDS No.: BE8289
 Identification of the substance Interpretation of the substance Interpretation Interpretat	: Lupolen 4 : Ethylene- : 1-Hexene : 25213-02- : Polyethyle the substance : Manufactu or other c	261AG UV60005 1-hexene copolymer, E polymer with ethene 9 ene copolymer or mixture and uses a ure of plastic articles by onversion process.	thylene-Hex advised aga	inst olding, extrusion
Prohibited uses 1.3 Details of the supplier of the	devices; ł Applicatio Life-susta	s III medical devices; E Health Canada class IV ns involving permanent ining medical application	Medical Dev implantation	vices;
	· · · · · , · · · · ·		. т .	lankana
Company Basell Sales & Marketing Comp Delftseplein 27E 3013 AA Rotterdam Netherlands E-mail address		Registration numbe NA ety@lyb.com		lephone (0) 10 275 55 00
Responsible/issuing person	. product.out			
1.4 Emergency telephone num	ber			
Basell Sales & Marketing Comp	any B.V.		+32	2 3 575 1235
Poison Center: Gesundheid Österreich GMBH AT: +43 1 406 43 43 24 hours all days				
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Lupolen 4261AG UV60	
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5. Fire-fighting measures	
5.1 Extinguishing media	
Suitable extinguishing media	: SMALL FIRE: Use dry chemical, CO2, or water spray.
	: LARGE FIRES: Use water spray hose nozzles from a safe location.
Unsuitable extinguishing media	: None known.
5.2 Special hazards arising from	the substance or mixture
Specific hazards during fire fighting	 Keep away from heat and sources of ignition. In case of fire hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
5.3 Advice for firefighters	
Special protective equipment for fire-fighters	: Wear approved positive pressure self-contained breathing apparatus and firefighter protective clothing.
Further information	: Combustible particulate solid, will decompose under fire conditions.
	Calorific Value: 8000 - 11000 kcal/kg Fight fire from safe distance with hose lines or monitor
	nozzles. Heat from fire may melt, decompose polymer, and generate
	 flammable vapors. Move containers from fire area if it can be done without risk. Evacuate immediately in the event of opening of storage container pressure relief devices or discoloration of container. Always stay away from tanks engulfed in fire. Do not attempt to get on top of storage containers involved in fire. Cool storage containers with large volumes of water even after fire is out.
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Lupolen 4261AG UV60			Gen. Variant: SDS_AT
Version 1.4 Revision Date	e 05/25/2020	Print Date 01/05/20	022 SDS No.: BE8289
6. Accidental release measures			
6.1 Personal precautions, protec	tive equipment and	d emergency proc	edures
Personal precautions	Creates dangerd surface. Equip emergend equipment (PPE Avoid generating Avoid dispersal with compresse Potential combu	cy responders with =) g dust. of dust in the air (i. d air). ustible dust hazard.	ection. I on any hard smooth proper personal protective e., clearing dust surfaces azard on hard smooth
6.2 Environmental precautions			
Environmental precautions	: Do not flush into	o surface water or s	sanitary sewer system.
6.3 Methods and materials for co	ontainment and clea	aning up	
Methods for containment / Methods for cleaning up	: On land, sweep vacuum using e On water, mate solid. All recovered m transported and applicable laws	/shovel into suitabl equipment which av rial is insoluble; col aterial should be p disposed of or rec	lect and contain as any ackaged, labeled, laimed in conformance with d in conformance with good
7. Handling and storage			
7.1 Precautions for safe handling	-		
Advice on safe handling	handling, or by concentrations i Avoid dust accu Avoid generating	small particles durin other means, may in air. umulation in enclose g dust; fine dust su	ng further processing, form combustible dust ed space. Ispended in air and in the potential dust explosion
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Occupational Exposure Limits

Components	CAS-No.	Туре	Limit Value	Basis Revision Date	Additional Information
Materials that can be formed when handling this product: Non- specified (inert or nuisance) dust		TWA	10 mg/m3 inhalable	US (ACGIH) 2005	
Materials that can be formed when handling this product: Non- specified (inert or nuisance) dust		TWA	3 mg/m3 respirable	US (ACGIH) 2005	

Consult local authorities for acceptable exposure limits.

8.2 Exposure controls

Engineering measures

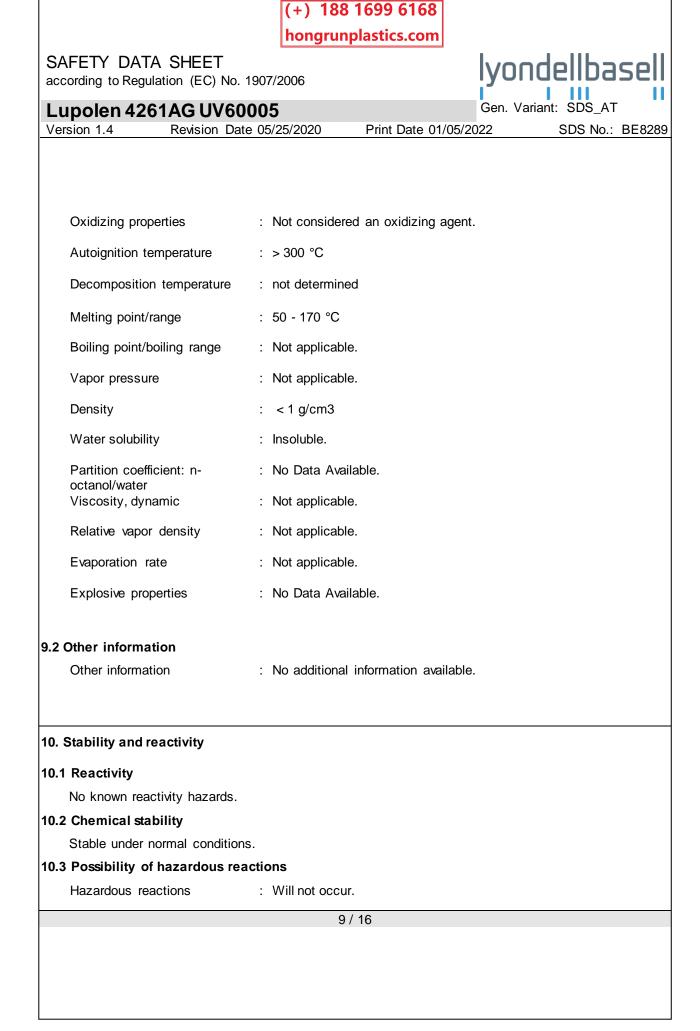
Follow the recommendations in international standard NFPA 654 (as amended and adopted) for equipment used to handle this product.

Engineering controls, i.e. enclosed systems, should be used whenever feasible to maintain exposures below acceptable criteria. When such controls are not feasible, or sufficient to achieve full conformance, other engineering controls such as local exhaust ventilation should be used. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Personal protective equipment

Respiratory protection	 Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use appropriate respiratory protection where atmosphere exceeds recommended limits. Where workers could be exposed to dust concentrations above the exposure limit they must use appropriate certified respirators.
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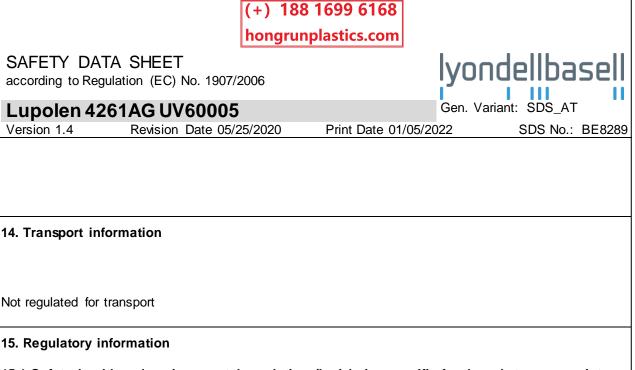
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Lupolen 4261AG UV6 Version 1.4 Revision D		Gen. Variant: SDS_AT
ersion 1.4 Revision D	ate 05/25/2020 Print Dat	e 01/05/2022 SDS No.: BE828
Hand protection	: Wear gloves that provide potential for contact with	thermal protection where there is a heated material.
Eye and face protection		ould be worn to prevent mechanical o eyes due to airborne particles which this product.
Skin and body protection	: Wear suitable protective	clothing.
Hygiene measures	be based on an evaluation of the protective equipmed performed, conditions pro- hazards and/or potential during use. Use good personal hygie Wash hands before eating facilities.	personal protective equipment should on of the performance characteristics ent relative to the task(s) to be esent, duration of use, and the hazards that may be encountered ene practices. ng, drinking, smoking, or using toilet lothing and wash before reuse.
Environmental exposure of	controls	
General advice	: See section 6.	
Physical and chemical prope 1 Information on basic physic Appearance Color	erties cal and chemical properties : Pellets. : Translucent to white	
Physical and chemical prope 1 Information on basic physic Appearance	erties cal and chemical properties : Pellets.	
Physical and chemical prope 1 Information on basic physic Appearance Color	erties cal and chemical properties : Pellets. : Translucent to white	
Physical and chemical prope 1 Information on basic physic Appearance Color Odor	erties cal and chemical properties : Pellets. : Translucent to white : Slight. : No Data Available.	concentration (MEC) for polymer dust cle size distribution.
Physical and chemical properties of the second seco	erties cal and chemical properties : Pellets. : Translucent to white : Slight. : No Data Available. : The minimum explosive	
Physical and chemical properties of the second seco	erties cal and chemical properties : Pellets. : Translucent to white : Slight. : No Data Available. : The minimum explosive varies according to partic : Not applicable.	cle size distribution.



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10.4 Conditions to avoid			
Conditions to avoid	: Avoid contact with strong oxidizers, excessive heat, sparks or open flame.		
10.5 Incompatible materials			
Materials to avoid	: Material may be softened by some hydrocarbons.		
10.6 Hazardous decomposition	products		
Hazardous decomposition	: Not expected to decompose under normal conditions.		
products Thermal decomposition	 Note: Carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed. 		
Acute toxicity Acute oral toxicity	: Not classified		
Acute inhalation toxicity	: Not classified		
Acute dermal toxicity	: Not classified		
Skin corrosion/irritation	: Not a skin irritant.		
Serious eye damage/eye irritation	: Not an eye irritant. Mechanical irritation is possible.		
Respiratory or skin sensitization	: Not classified		
	: Not classified		
sensitization	: Not classified 10 / 16		
sensitization			
sensitization			

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Carcinogenicity	: Not classified			
Germ cell mutagenicity	: Not classified			
Reproductive toxicity				
Effects on fertility / Effects on or via lactation	: Not classified			
Effects on Development	: Not classified			
Target Organ Systemic Tox	icant - Single expo	sure		
		or mixture is no single exposure	t classified as specific target e.	
Target Organ Systemic Tox	icant - Repeated ex	cposure		
		or mixture is no repeated expos	t classified as specific target sure.	
Aspiration hazard	: Not applicable.			
12. Ecological information				
12.1 Ecotoxicology Assessment				
Short-term (acute) aquatic hazard	: Not classified			
Long-term (chronic) aquatic hazard	: Not classified			
12.2 Persistence and degradabi	lity			
Biodegradability	: Not expected to	o be biodegradat	ole.	
12.3 Bioaccumulative potential				
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Bioaccumulation	: This material is not expected to	o bioaccumulate.
12.4 Mobility in soil		
Mobility	: no data available	
12.5 Results of PBT and vPvB a		
Result	: This substance/mixture contain to be either persistent, bioaccu very persistent and very bioacc	mulative and toxic (PBT) or
12.6 Other adverse effects		
Environmental fate and pathways	: This material is not volatile and	l insoluble in water.
12.7 Other information		
Additional ecological information	 Ecotoxicity is expected to be minimal based on the low water solubility of polymers. No data available on this product. However, birds, fish and other wildlife may eat pellets which may obstruct their intestinal tracts. 	
13. Disposal considerations		
13.1 Waste treatment methods		
Product		reclaimed in conformance with and in conformance with good
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACh status

If the product has been purchased from any company of the LyondellBasell group of companies registered in the European Union, we confirm that the chemical substance in this product has been registered under REACh, in accordance with the deadlines set forth in REACh. (Regulation (EU) No. 1907/2006)

Other international regulations

Global Inventory Status

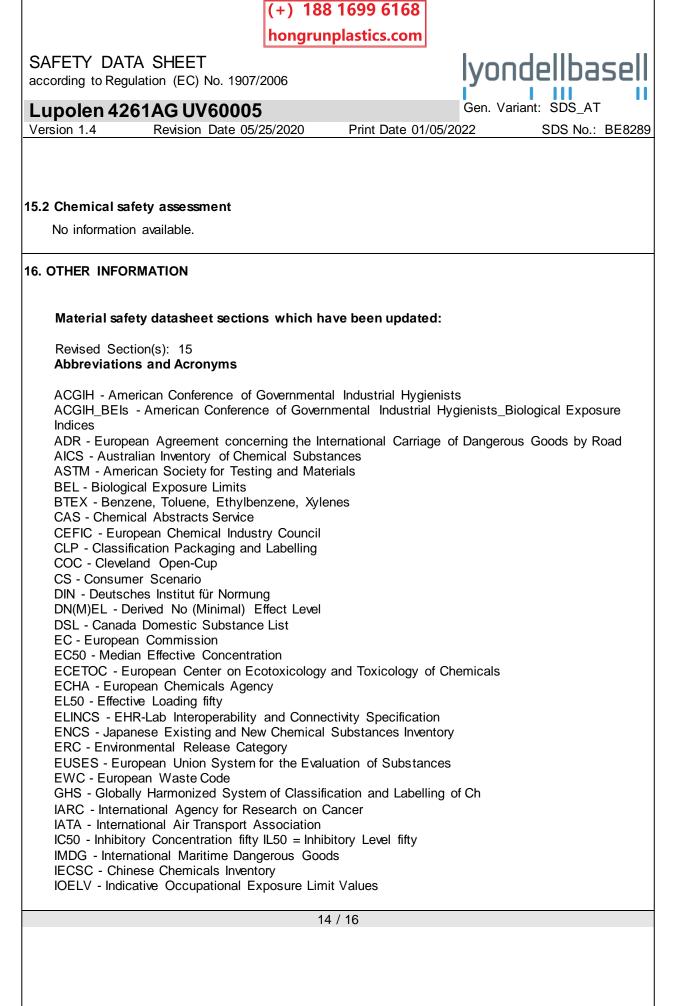
The ingredients of this product are compliant with the following chemical inventory requirements or exemptions.

*Additional Explanatory Status Statements follow the table, as necessary.

Country/Region	Inventory	Status Description
Australia	AICS	Compliant
Canada	DSL	Compliant
China	IECSC	Compliant
Europe	REACH	See REACH Compliance Statement
Japan	ENCS	Compliant
Korea	KECI	Compliant
New Zealand	NZIoC	Compliant
Philippines	PICCS	Compliant
United States of America	TSCA	Compliant
Taiwan	TCSCA	Compliant

Contact product.safety@lyb.com for additional global inventory information.

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IP346 - Institute of Petroleum test method N° 346 for the determination of polycyclic aromatics **DMSO-extractables KECI - Korea Existing Chemicals Inventory** Koc - Organic Carbon/Water Partition Coefficient LC50 - Lethal Concentration fifty LD50 - Lethal Dose fifty per cent. LL/EL/IL - Lethal Loading/Effective Loading/Inhibitory Loading LL50 - Lethal Loading fifty MAK Commission - Permanent Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area MARPOL - International Convention for the Prevention of Pollution from Ships No. - Number NOEC/NOEL - No Observed Effect Concentration / No Observed Effect Level NZIoC - New Zealand Inventory of Chemicals OE HPV - Occupational Exposure - High Production Volume OECD - Organization for Economic Co-operation and Development **OEL - Occupational Exposure Limit** PBT - Persistent, Bio accumulative and Toxic PICCS - Philippine Inventory of Chemicals and Chemical Substances PNEC - Predicted No Effect Concentration PPE - Personal Protective Equipment **PROC** - Process Category QSAR - Quantitative Structure-Activity Relationship REACh - Registration Evaluation and Authorization of Chemicals RID - Regulations Relating to International Carriage of Dangerous Goods by Rail SDS - Safety Data Sheet SKIN DES - Skin Designation STEL - Short term exposure limit STP - Standard Temperature and Pressure TCSCA - Taiwan inventory of chemicals TGD - Technical Guidance Document TRA - Targeted Risk Assessment TSCA - US Toxic Substances Control Act TWA - Time-Weighted Average **UN - United Nations** vPvB - very Persistent and very Bioaccumulative WGK - German Water Endangerment Class

Disclaimer

Multiple legal entities and registration numbers may be displayed in Section 1. The Recipient shall refer to the shipping documents to identify the legal entity that supplied this product.

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use,

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Disclaimer

processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative or visit the LyondellBasell website at: https://www.lyondellbasell.com/en/products-technology/product-safety-stewardship/ The Trade Name referenced in section 1 is a trademark owned or used by the LyondellBasell family of companies.

Numerical Data Presentation

The presentation of numerical data, such as that used for physical and chemical properties and toxicological values, is expressed using a comma (,) to separate digits into groups of three and a period (.) as the decimal marker. For example, 1,234.56 mg/kg = 1.234,56 mg/kg.

Language Translations

The information presented in this document has been translated from English by a vendor LyondellBasell believes to be reliable. LyondellBasell and its vendor have made a good-faith effort to verify the accuracy of the translation, but assume no liability or other responsibility for any errors that may have occurred. Please refer to our web site (www.lyondellbasell.com) for the original document written in English.

End of Material Safety Data Sheet