

Product name: POLYCAT DBU

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

1.1 Product identifier

Product name:
POLYCAT DBU

Additional identification

Chemical name: 1,8-diazabicyclo[5.4.0]undec-7-ene
Chemical formula: -
INDEX No. -
CAS-No. 6674-22-2
EC No. 229-713-7
REACH Registration No.: 01-2119977097-24

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

Identified uses: Industrial use

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Company Name : Evonik Operations GmbH
Rellinghauser Str. 1-11
45128 Essen
Germany

Telephone : +49 201 173 01
Fax : +49 201 173 3000
E-mail : productsafety-cs@evonik.com

1.4 Emergency telephone number:

24-Hour Health Emergency : +49 2365 49 2232
+49 2365 49 4423 (Fax)

National Poison Information Service (NPIS)
England, Scotland and Wales: NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720,

Product name: POLYCAT DBU
and UK SI 2020/1567
Health Hazards

Acute toxicity (Oral)	Category 3	H301: Toxic if swallowed.
Skin corrosion	Sub-category 1B	H314: Causes severe skin burns and eye damage.
Serious eye damage	Category 1	H318: Causes serious eye damage.

2.2 Label Elements

Signal Words: Danger

Hazard Statement(s): H301: Toxic if swallowed.
 H314: Causes severe skin burns and eye damage.

Precautionary Statements
Prevention: P260: Do not breathe dust/fume/gas/mist/vapors/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/ physician.

2.3 Other hazards
PBT/vPvB data

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients
3.1 Substances
Chemical name: 1,8-diazabicyclo[5.4.0]undec-7-ene
INDEX No.:
CAS-No.: 6674-22-2
EC No.: 229-713-7
REACH Registration No.: 01-2119977097-24

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
1,8-diazabicycl	50 - <100%	6674-22-2	229-713-7		01-211997709	No data available.	

Product name: POLYCAT DBU

o[5.4.0]undec-7-ene					7-24		
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* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC.

Classification

Chemical name	Classification	Notes
1,8-diazabicyclo[5.4.0]undec-7-ene	Classification: Acute Tox.: 3: H301; Skin Corr.: 1B: H314; Eye Dam.: 1: H318; Supplemental label information: None known.	None.

SECTION 4: First aid measures
4.1 Description of first aid measures

General information:	Remove contaminated clothing immediately and store/dispose of safely
Inhalation:	If inhaled remove from side of exposure to fresh air, seek medical advice.
Skin Contact:	In case of contact with skin wash off with soap and water. Immediate medical treatment necessary, as untreated burns can result in slow-healing wounds Cover wound with sterile dressing.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
Ingestion:	drink large quantities of water, do not induce vomiting; consult a physician - show this data sheet.
Personal Protection for First-aid Responders:	First Aid responders should pay attention to self-protection and use the recommended protective clothing

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Causes burns. Symptoms of poisoning may not appear for several hours. Keep under medical supervision for at least 48 hours.
Hazards:	No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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SECTION 5: Firefighting measures
5.1 Extinguishing media

Suitable extinguishing media:	foam, carbon dioxide, dry powder, water spray.
Unsuitable extinguishing media:	High volume water jet.

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5.2 Special hazards arising from the substance or mixture: In the event of fire the following can be released: - carbon dioxide, carbon monoxide - Ammonia (NH₃) - Nitrous gases (NO_x) Under certain conditions of combustion traces of other toxic substances cannot be excluded

5.3 Advice for firefighters

Special fire fighting procedures: No specific precautions.

Special protective equipment for fire-fighters: Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation.

6.1.1 For non-emergency personnel: No data available.

6.1.2 For emergency responders: No data available.

6.2 Environmental Precautions: Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

6.3 Methods and material for containment and cleaning up: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections: For further information on exposure monitoring and disposal see sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures: No data available.

Local/Total ventilation: No data available.

Safe handling advice: Ensure adequate ventilation. Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols.

Contact avoidance measures: No data available.

7.2 Conditions for safe storage, including any incompatibilities

Safe storage conditions: Keep container tightly closed and in a well-ventilated place. Keep only in the original container. Do not store near acids.

Safe packaging materials: No data available.

7.3 Specific end use(s): No further recommendations.

SECTION 8: Exposure controls/personal protection

**8.1 Control Parameters
Occupational Exposure Limits**

Product name: POLYCAT DBU

None of the components have assigned exposure limits.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
1,8-diazabicyclo[5.4.0]undec-7-ene	General population	Inhalation	Systemic, long-term; 2.6 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 10.6 mg/m ³	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 1.5 mg/kg	Repeated dose toxicity
	General population	Dermal	Systemic, long-term; 1.5 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 3 mg/kg	Repeated dose toxicity
	Workers	Eyes	Local effect;	Medium hazard (no threshold derived)
	General population	Eyes	Local effect;	Medium hazard (no threshold derived)

PNEC-Values

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
1,8-diazabicyclo[5.4.0]undec-7-ene	Aquatic (marine water)	0.024 mg/l	
	Sediment (marine water)	0.146 mg/kg	
	Sewage treatment plant	13 mg/l	
	Sediment (freshwater)	1.46 mg/kg	
	Aquatic (freshwater)	0.24 mg/l	
	Soil	0.152 mg/kg	

8.2 Exposure controls

Appropriate Engineering Controls: No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: Protective goggles; wear additional face protection if risk is increased.

Hand Protection: Material: Nitrile butyl rubber (NBR).
Break-through time: > 480 min
Glove thickness: 0.4 mm

Skin and Body Protection: protective clothing

Respiratory Protection: in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Hygiene measures: Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke.
Remove soiled or soaked clothing immediately.

Environmental Controls: The environmental regulations on the control and monitoring of environmental exposures are to be observed.

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

Product name: POLYCAT DBU

Appearance

Physical state:	liquid
Form:	liquid
Color:	colorless
Odor:	Odorless
Odor Threshold:	not measured
Freezing point:	not measured
Boiling Point:	260 °C Method: OECD 104
Flammability:	not measured
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	not measured
Explosive limit - lower:	not measured
Flash Point:	111 °C Method: DIN 51758 (Pensky-Martens (A and B Closed Cup))
Auto-ignition temperature:	not measured
Decomposition Temperature:	not measured
pH:	12.6 at 23 °C Concentration: 100 g/l Concentration: 10 % in Water

Viscosity

Dynamic viscosity:	10.3 mPa.s at 20 °C Method: OECD 114
Kinematic viscosity:	10.1 mm ² /s at 20 °C , Method: OECD 114

Solubility(ies)

Solubility in Water:	1,000 g/l at 20 °C Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	not measured
Vapor pressure:	0.03 hPa at 25 °C Method: OECD 104
Relative density:	not measured
Density:	1.019 g/cm ³ at 20 °C Method: OECD 109
Relative vapor density:	not measured

9.2 Other information

Explosive properties:	not measured
Oxidizing properties:	not oxidizing
Self-ignition:	not measured
Metal Corrosion:	Not corrosive to metals
Evaporation Rate:	not measured

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SECTION 10: Stability and reactivity

10.1 Reactivity:	see section "Possibility of hazardous reactions".
10.2 Chemical Stability:	The product is stable under normal conditions.
10.3 Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
10.4 Conditions to avoid:	Unknown
10.5 Incompatible Materials:	Unknown
10.6 Hazardous Decomposition Products:	None with proper storage and handling.

SECTION 11: Toxicological information
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Information on likely routes of exposure

Inhalation:	If handled correctly, not a relevant route of exposure. Information on effects are given below.
Skin Contact:	Relevant route of exposure. Information on effects are given below.
Eye contact:	Relevant route of exposure. Information on effects are given below.
Ingestion:	If handled correctly, not a relevant route of exposure. Information on effects are given below.

Acute toxicity (list all possible routes of exposure)
Oral

Product:	LD 50, Rat, Female, Male, > 215 - < 681 mg/kg, OECD 401
Components:	
1,8-diazabicyclo[5.4.0]undec-7-ene	LD 50, Rat, Female, Male, > 215 - < 681 mg/kg, OECD 401

Dermal

Product:	Not classified for acute toxicity based on available data.
Components:	
1,8-diazabicyclo[5.4.0]undec-7-ene	Not toxic after single exposure, No data due to skin-corrosive action

Inhalation

Product:	Not classified for acute toxicity based on available data.
Components:	
1,8-diazabicyclo[5.4.0]undec-7-ene	Vapour, Not toxic after single exposure, No data due to skin-corrosive action Dust and mist, Not toxic after single exposure, No data due to skin-corrosive action

Repeated dose toxicity

Product:	NOAEL - No Observable Adverse Effect Level, Rat, oral (gavage), 120 mg/kg NOAEL - No Observable Adverse Effect Level, Rat, oral (gavage), 50
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Product name: POLYCAT DBU

Components: mg/kg
1,8-diazabicyclo[5.4.0]undec-7-ene NOAEL - No Observable Adverse Effect Level, Rat, oral (gavage), 120 mg/kg
NOAEL - No Observable Adverse Effect Level, Rat, oral (gavage), 50 mg/kg

Skin Corrosion/Irritation

Product: No data available.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene Corrosive.

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene Risk of serious damage to eyes.

Respiratory or Skin Sensitization

Product: No data available.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Carcinogenicity

Product: No data available.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Germ Cell Mutagenicity

No data available.

In vitro

Product: Ames test, OECD 471: , negative, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).
Micronucleus test, OECD 487: , negative, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).
gene mutation test, OECD 476: , negative, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).
comet assay: , negative, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene Ames test, OECD 471: , negative, (analogy)
Micronucleus test, OECD 487: , negative, (analogy)
gene mutation test, OECD 476: , negative, (analogy)
comet assay: , negative, (analogy)

Product name: POLYCAT DBU

In vivo

Product: No data available.

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Reproductive toxicity

Product: No data available. oral (gavage)

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene oral (gavage)

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Aspiration Hazard

Product: Not classified

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene Not classified

11.2 Information on other hazards
Other information

Product: Toxic if swallowed. Causes severe skin burns and eye damage.;

SECTION 12: Ecological information

12.1 Toxicity:
Acute hazards to the aquatic environment:
Fish

Product: LC 50, Leuciscus idus (Golden orfe), 96 h, > 100 - < 220 mg/l DIN 38412 section 15
 NOEC, Leuciscus idus (Golden orfe), 96 h, 100 mg/l DIN 38412 section 15

Components:

1,8-diazabicyclo[5.4.0]undec-7-ene LC 50, Leuciscus idus (Golden orfe), 96 h, > 100 - < 220 mg/l DIN 38412 section 15
 NOEC, Leuciscus idus (Golden orfe), 96 h, 100 mg/l DIN 38412 section 15

Product name: POLYCAT DBU

Aquatic Invertebrates
Product: EC 50, Daphnia magna, 48 h, 50 mg/l 79/831/EEC V, C

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene EC 50, Daphnia magna, 48 h, 50 mg/l 79/831/EEC V, C

Toxicity to Aquatic Plants
Product: EC 50 (Desmodesmus subspicatus (Scenedesmus subspicatus), 72 h): > 100 mg/l (OECD 201)
 EC 50 (Desmodesmus subspicatus (Scenedesmus subspicatus), 72 h): > 100 mg/l (OECD 201)

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene EC 50 (Desmodesmus subspicatus (Scenedesmus subspicatus), 72 h): > 100 mg/l (OECD 201)
 EC 50 (Desmodesmus subspicatus (Scenedesmus subspicatus), 72 h): > 100 mg/l (OECD 201)

Toxicity to microorganisms
Product: EC 20, activated sludge, 0.5 h, Approximate, 650 mg/l, ISO 8192
 EC 50, Pseudomonas putida, 17 h, 330 mg/l, DIN 38412 part 8

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene EC 20, activated sludge, 0.5 h, Approximate, 650 mg/l, ISO 8192
 EC 50, Pseudomonas putida, 17 h, 330 mg/l, DIN 38412 part 8

Chronic hazards to the aquatic environment:
Fish
Product: No data available.

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Aquatic Invertebrates
Product: NOEC, Daphnia magna, 21 d, > 12 mg/l, OECD 211
 Lowest Observed Effect Concentration, Daphnia magna, 21 d, >= 12 mg/l, OECD 211

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene NOEC, Daphnia magna, 21 d, > 12 mg/l, OECD 211
 Lowest Observed Effect Concentration, Daphnia magna, 21 d, 12 mg/l, OECD 211

Toxicity to Aquatic Plants
Product: No data available.

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Toxicity to microorganisms
Product: EC 20, activated sludge, 0.5 h, Approximate, 650 mg/l, ISO 8192
 EC 50, Pseudomonas putida, 17 h, 330 mg/l, DIN 38412 part 8

Components:
 1,8-diazabicyclo[5.4.0]undec-7-ene EC 20, activated sludge, 0.5 h, Approximate, 650 mg/l, ISO 8192
 EC 50, Pseudomonas putida, 17 h, 330 mg/l, DIN 38412 part 8

Product name: POLYCAT DBU

7-ene

12.2 Persistence and Degradability

Biodegradation

Product: 19 %, 28 d, OECD 302 B, The product is not biodegradable. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy), aerobic

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene 19 %, 28 d, OECD 302 B, The product is not biodegradable. (analogy), aerobic

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: not measured

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene < -2.2, 25 °C
-0.43, 25 °C

12.4 Mobility in soil:

Product No data available.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

12.5 Results of PBT and vPvB assessment:

Product This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Components:
1,8-diazabicyclo[5.4.0]undec-7-ene No data available.

12.6 Other adverse effects:

Other hazards

Product: Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: No data available.

Product name: POLYCAT DBU

Disposal methods: In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

SECTION 14: Transport information
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14.1 UN/ID No.

ADR : UN 2922
RID : UN 2922
IMDG : UN 2922
IATA : UN 2922

14.2 UN proper shipping name

ADR : CORROSIVE LIQUID, TOXIC, N.O.S.
 (Diazabicyclo(5.4.0)undec-7-ene, 1,8- (dbu))
RID : CORROSIVE LIQUID, TOXIC, N.O.S.
 (Diazabicyclo(5.4.0)undec-7-ene, 1,8- (dbu))
IMDG : CORROSIVE LIQUID, TOXIC, N.O.S.
 (Diazabicyclo(5.4.0)undec-7-ene, 1,8- (dbu))
IATA : Corrosive liquid, toxic, n.o.s.
 (Diazabicyclo(5.4.0)undec-7-ene, 1,8- (dbu))

14.3 Transport hazard class(es)

ADR : 8
RID : 8
IMDG : 8
IATA : 8

14.4 Packing group

ADR
 Packing group : II
 Classification Code : CT1
 Hazard Identification Number : 86
 Labels : 8 (6.1)
 Tunnel restriction code : (E)

RID
 Packing group : II
 Classification Code : CT1
 Hazard Identification Number : 86
 Labels : 8 (6.1)

IMDG
 Packing group : II
 Labels : 8 (6.1)
 EmS Code : F-A, S-B
 Remarks : SW2 - Clear of living quarters., Segregation group not required / not applicable

Product name: POLYCAT DBU

IATA (Cargo aircraft only)Packing instruction (cargo aircraft) : 855
Packing instruction (LQ) : Y840
Packing group : II
Labels : 8 (6.1)**IATA (Passenger and cargo aircraft)**Packing instruction (passenger aircraft) : 851
Packing instruction (LQ) : Y840
Packing group : II
Labels : 8 (6.1)**14.5 Environmental hazards****ADR**

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

Remarks : Keep separate from foodstuffs, luxury foods, feedstuffs

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:****EU Regulations****EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:** Not applicable**15.2 Chemical safety assessment:** No chemical safety assessment was carried out for this product.**International regulations****Montreal protocol**

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Product name: POLYCAT DBU**Kyoto protocol**
Not applicable**SECTION 16: Other information****Abbreviations and acronyms:**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Key literature references and sources for data: No data available.**Training information:** Comply with national laws regulating employee instruction.**Revision Information** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Product name: POLYCAT DBU

Disclaimer:

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