SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

DIISOBUTYLENE NC 9000

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	05/27/2026	BEN229	Date of first issue: 05/27/2026

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

1.1 Product identifier

Trade name	:	DIISOBUTYLENE NC 9000
Synonyms	:	Pentene, 2,4,4-trimethyl-, Diisobutylene, 2,4,4-Trimethylpenten, Diisobutylen, Diisobutene, Diiosbutylene, Isomeric Compounds
Substance name	:	2,4,4-trimethylpentene
Substance No.	:	246-690-9 (EINECS)
Chemical characterization	:	Alkenes

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

Identified uses	:	Manufacture of substances; Use as intermediate; Polymer production; Polymer processing; Use as a fuel

1.3 Details of the supplier of the safety data sheet

Company	Registration number	Telephone
Basell Polyoléfines France SAS Chemin départemental 54 B.P. 14 13131 Berre l'Etang Cedex France Raffinerie de Berre	01-2119441795-31-0000	+33 (0) 4 42 74 42 74

E-mail address : RegulatoryComplianceROP@velogy.com
Responsible/issuing person

1.4 Emergency telephone number

Basell Polyoléfines France SAS +33 (0) 4 42 74 42 74

Poison Center:
ORFILA (INRS)
FR: + 33 (0)1 45 42 59 59
24 hours all days

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Specific target organ toxicity - single ex-	H336: May cause drowsiness or dizziness.

posure, Category 3, Central nervous system	
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Category 1	H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :

Signal word : Danger

Hazard statements :

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.

Response:

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P391	Collect spillage.

2.3 Other hazards

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : 2,4,4-trimethylpentene

EC-No. : 246-690-9 (EINECS)

Components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)	M-Factor, SCL, ATE
2,4,4-trimethylpentene	25167-70-8 246-690-9	>= 90 - <= 100	

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Vapors may cause drowsiness and dizziness.
Irritating to respiratory system.
Causes moderate skin irritation.
Moderate eye irritation
Harmful: may cause lung damage if swallowed.
Risk of serious damage to the lungs (by aspiration).
Always observe self-protection methods
Move out of dangerous area.
Remove contaminated shoes and clothing.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.
Do not leave the victim unattended.
Keep patient warm and at rest.
Immediately seek medical attention.
If breathing is difficult, give oxygen.
If unconscious, place in recovery position and seek medical advice.
In the event of unconsciousness, apnea or cardiac arrest (no pulse), apply cardiopulmonary resuscitation.

In case of skin contact : Take off contaminated clothing and shoes immediately.
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In case of eye contact	:	Flush eyes with water thoroughly and continuously for 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If vomiting does occur, have victim lean forward to reduce risk of aspiration. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	May cause irritation to the eyes. This irritation can result in redness and swelling of the eyes. Symptoms are characterized by coughing, choking, or shortness of breath and may cause transient central nervous system (CNS) depression. Side effect onset may be delayed. High doses may cause CNS depression (fatigue, dizziness and possibly loss of concentration, with collapse, coma and death in cases of severe over-exposure).
Risks	:	May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes moderate skin irritation. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	In case of ingestion, the stomach should be emptied by gastric lavage under qualified medical supervision.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	:	SMALL FIRE: Use dry chemicals, CO2, water spray or alcohol-resistant foam LARGE FIRE: Use water spray, water fog or alcohol-resistant foam Water may be ineffective, but should be used to keep fire-exposed containers cool.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting	:	Vapors can travel to a source of ignition and flash back. May travel long distances along the ground before igniting and flashing back to vapor source. When mixed with air and exposed to ignition source, vapors

can burn in open or explode if confined.
Move containers from fire area if it can be done without risk.
Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
Cool containers with flooding quantities of water until well after fire is out.
Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
Thermal decomposition may produce carbon monoxide and other toxic vapors.

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus and firefighter turnout gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear recommended personal protective equipment.
Remove all sources of ignition.
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : 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).
Ensure adequate ventilation.
Keep in suitable, closed containers for disposal.
Non-sparking tools should be used.

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
Use only non-sparking tools.

Take precautionary measures against static discharge.
Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity.
Wear low static or properly grounded shoes.

Smoking, eating and drinking should be prohibited in the application area.
The vapor is heavier than air. Beware of accumulation in pits and confined spaces.
Cleaning, inspection and maintenance of the internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations.
Handle empty containers with care; vapor/residue may be flammable.
Do not pressurize, cut, weld, braze solder, drill, or grind on containers.

Advice on protection against fire and explosion	:	Ensure that all relevant regulations regarding explosive atmosphere, and handling and storage facilities of flammable products are followed. Do not use compressed air for filling, discharging or handling.
Hygiene measures	:	Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use. Individual protection measures, such as personal protective equipment not required under normal use

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	No smoking. Keep in a well-ventilated place. Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. Keep container tightly closed and properly labeled. Vapor space above stored liquid may be flammable/explosive unless blanketed with inert gas. Storage in carbon steel is recommended.

7.3 Specific end use(s)

Specific use(s)	:	See Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Engineering controls, preferably 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.

Individual protection measures, such as personal protective equipment (PPE)

Hand protection

Remarks	:	The selected protective gloves have to satisfy the standard EN 374 derived from it. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin and body protection	:	When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Use PPE that is chemical resistant to the product and prevents skin contact.
Respiratory protection	:	Approved respiratory protection equipment is recommended where inhalation exposure is likely.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	colorless
Odour	:	No information available.
Odour Threshold	:	No Data Available.

Freezing point	:	-50 °C
Boiling point/boiling range	:	102 °C
Upper explosion limit / Upper flammability limit	:	4.8 vol%
Lower explosion limit / Lower flammability limit	:	0.8 vol%
Flash point	:	-6 °C
pH	:	No Data Available.
Solubility(ies)		
Water solubility	:	2.3 mg/l (25 °C)
Partition coefficient: n-octanol/water	:	log Pow: 4.9 - 5.0
Vapour pressure	:	58 hPa (25 °C)
Density	:	0.7166 g/cm3 (20 °C) Relative

9.2 Other information

Explosives	:	No Data Available.
Oxidizing properties	:	No Data Available.
Self-ignition	:	380 °C

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Will not occur.This material is stable when properly handled and stored.

10.4 Conditions to avoid

Conditions to avoid : Heat, sparks, open flame, and other ignition sources. Contact with incompatible materials in a closed system.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

Incomplete combustion can result in the production of carbon monoxide, carbon dioxide and other toxic gases.

SECTION 11: Toxicological information

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

Acute toxicity

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat): > 19.17 mg/l
Exposure time: 4 HOURS
Test atmosphere: vapour
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Result : Mild skin irritation

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Assessment : No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Assessment : Did not cause sensitization on laboratory animals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Germ cell mutagenicity- Assessment : Did not show mutagenic effects in animal experiments.

Carcinogenicity

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

STOT - single exposure

May cause drowsiness or dizziness.

Components:

2,4,4-trimethylpentene:

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

STOT - repeated exposure

Based on available data, the classification criteria are not met.

Components:

2,4,4-trimethylpentene:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

Components:

2,4,4-trimethylpentene:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

11.2 Information on other hazards

Endocrine disrupting properties

Based on available data, the classification criteria are not met.

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

2,4,4-trimethylpentene:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.58 mg/l Exposure time: 96 HOURS
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 1.2 mg/l Exposure time: 48 HOURS
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (algae)): 1.5 mg/l Exposure time: 72 HOURS

Toxicity to fish (Chronic toxicity)	:	NOELR: 0.149 mg/l Exposure time: 21 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 0.16 mg/l Exposure time: 21 d Species: Lamellibranchia (mussel)

Ecotoxicology Assessment

Acute aquatic toxicity	:	Very toxic to aquatic life.
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Components:

2,4,4-trimethylpentene:

Biodegradability	:	Result: Not readily biodegradable. Biodegradation: 1.6 % Exposure time: 28 d

12.3 Bioaccumulative potential

Components:

2,4,4-trimethylpentene:

Bioaccumulation	:	Bioconcentration factor (BCF): 466.8 Remarks: The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (CAESAR models), etc. Does not significantly accumulate in organisms.

12.4 Mobility in soil

Components:

2,4,4-trimethylpentene:

Mobility	:	Remarks: no data available
Distribution among environmental compartments	:	Stability in water Remarks: no data available Stability in soil Remarks: no data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment	:	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.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Components:

2,4,4-trimethylpentene:

Environmental fate and pathways : no data available

Additional ecological information : no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Contaminated product, soil, water, container residues and spill cleanup materials may be hazardous wastes.
Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal.

SECTION 14: Transport information

14.1 UN number or ID number

ADN : UN 2050

ADR : UN 2050

RID : UN 2050

IMDG : UN 2050

IATA (Cargo) : UN 2050

14.2 UN proper shipping name

ADN : DIISOBUTYLENE, ISOMERIC COMPOUNDS

ADR	:	DIISOBUTYLENE, ISOMERIC COMPOUNDS
RID	:	DIISOBUTYLENE, ISOMERIC COMPOUNDS
IMDG	:	DIISOBUTYLENE, ISOMERIC COMPOUNDS
IATA (Cargo)	:	DIISOBUTYLENE, ISOMERIC COMPOUNDS

14.3 Transport hazard class(es)

		Class	Subsidiary risks
ADN	:	3	N2, F
ADR	:	3	
RID	:	3	
IMDG	:	3	
IATA (Cargo)	:	3	

14.4 Packing group

ADN

Packing group	:	II
Classification Code	:	F1
Labels	:	3 (N2, F)

ADR

Packing group	:	II
Classification Code	:	F1
Hazard Identification Number	:	33
Labels	:	3
Tunnel restriction code	:	D/E

RID

Packing group	:	II
Classification Code	:	F1
Hazard Identification Number	:	33
Labels	:	3

IMDG

Packing group	:	II
Labels	:	3
EmS Code	:	F-E, S-D

IATA (Cargo)

Packing group	:	II
Labels	:	Flammable Liquid

14.5 Environmental hazards

ADN

Environmentally hazardous	:	yes

ADR

Environmentally hazardous	:	yes

RID

Environmentally hazardous : yes

IMDG
Marine pollutant : yes

IATA (Cargo)
Environmentally hazardous : yes

14.6 Special precautions for user

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

Regulatory basis	:	IBC Code
Product name	:	DIISOBUTYLENE
Ship type	:	2
Pollution category	:	Y

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the following entries should be considered: Number on list 3 Number on list 40
REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Occupational Illnesses (R-461-3, France)	:	Not applicable
Reinforced medical supervision (R4624-18)	:	The product has no CMR properties

Installations classified for the protection of the environment (Environment Code R511-9)	:	4331, 4510
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

The components of this product are reported in the following inventories:

TCSI	:	On the inventory, or in compliance with the inventory
TSCA	:	All substances listed as active on the TSCA inventory
AIIC	:	On the inventory, or in compliance with the inventory
DSL	:	All components of this product are on the Canadian DSL
ENCS	:	On the inventory, or in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
REACH	:	If the product has been purchased from Rotterdam Olefins & Polyolefins B.V., we confirm that the chemical substances in this product have been registered under REACH, in accordance with the deadlines set forth in REACH. (Regulation (EU) No. 1907/2006).
NZIoC	:	On the inventory, or in compliance with the inventory
TECI	:	On the inventory, or in compliance with the inventory
CH BAGREG	:	On the inventory, or in compliance with the inventory
MXINSQ	:	On the inventory, or in compliance with the inventory
NCI	:	On the inventory, or in compliance with the inventory
UKREACH	:	If the product has been purchased from Rotterdam Olefins & Polyolefins B.V., we confirm that the chemical substances in this product have been notified with a DUIN or, where required under UK-REACH, registered, and that we have the intention to proceed with any required registration in accordance with

the deadlines set forth in the regulation REACH etc. (Amendment etc.) (EU Exit) Regulations 2019.

KKDIK : If the product has been purchased from Rotterdam Olefins & Polyolefins B.V., we confirm that the chemical substances in this product have been pre-registered or, where required under KKDIK, registered, and that we have the intention to proceed with any required registration in accordance with the deadlines set forth in the regulation.

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements

Full text of other abbreviations

Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Flam. Liq.	:	Flammable liquids
STOT SE	:	Specific target organ toxicity - single exposure

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; 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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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 Re-

striction 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

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

FR / EN