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## Tommy Now Eau de Toilette

Safety Data Sheet According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH				
SECTION 1. Identification of the sub	stance/mixture and of the company/undertaking			
<b>1.1. Product identifier</b> Code: Product name	TH-01 Tommy Now Eau de Toilette Vaporisateur natural spray			
1.2. Relevant identified uses of the substance or m         Intended use       PRODOTTO DI PROF	nixture and uses advised against UMERIA/PERFUMERY PRODUCT			
<b>1.3. Details of the supplier of the safety data sheet</b> Name Full address District and Country	Nuovi Profumi società cooperativa per azioni Strada Maretto 13 43126 Roncopascolo (PR) IT Tel. 0521662111 Fax 0521662268			
e-mail address of the competent person responsible for the Safety Data Sheet Supplier:	regulatory.affairs@nuoviprofumi.com Give Back Beauty srl., Corso Italia 13, 20122 MILANO (MI)			
<b>1.4. Emergency telephone number</b> For urgent inquiries refer to	Centralino Nuovi Profumi +390521662111 lunedì - venerdì / monday - friday 08:00 - 17:00 UTC+1 Centro Antiveleni Niguarda Milano tel. +390266101029 Centro Antiveleni Fondazione Maugeri Pavia tel. +39038224444 Centro Antiveleni Policlinico Gemelli Roma tel. +39063054343 Centro Antiveleni Cardarelli Napoli tel.+390815453333 Centro Antiveleni Ospedale Universitario Foggia 800183459 Centro Antiveleni Policlinico Umberto I Roma tel. +390649978000 Centro Antiveleni Careggi Firenze tel. +390557947819 Centro Antiveleni Papa Giovanni XXII Bergamo tel. 800883300 Centro Antiveleni Az. Osp. Integrata Verona tel. 800011858			

## **SECTION 2. Hazards identification**

## 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:	
Flammable liquid, category 2	H225
Eye irritation, category 2	H319
Skin sensitization, category 1	H317

Highly flammable liquid and vapour. Causes serious eye irritation. May cause an allergic skin reaction.



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# Tommy Now Eau de Toilette

Hazardous to the aquatic environment, chronic toxicity, H411 category 2

Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

#### Hazard pictograms:



Danger

Signal words:

### Hazard statements:

H225	Highly flammable liquid and vapour.
H319	Causes serious eve irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

### Precautionary statements:

P210 P280 P370+P378 P273 P391 P261	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/ protective clothing / eye protection / face protection. In case of fire: use to extinguish. Avoid release to the environment. Collect spillage. Avoid breathing dust / fume / gas / mist / vapours / spray.
Contains:	1-(1,2,3,4,5,6,7,8-Octahydro- 2 3 8 8-tetramethyl-2-naphtyl)-ethanone (isomer 1) alpha-Methyl-1,3-benzodioxole-5-propanal
	(Ethoxymethoxy) cyclododecane
	Ethyl linalool [3,7-Dimethyl-1,6-nonadien-3-ol]
	CITRUS AURANTIFOLIA (LIME) OIL

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

## **SECTION 3. Composition/information on ingredients**

## 3.2. Mixtures

Contains:



Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
ETHANOL		
INDEX 603-002-00-5	75 ≤ x < 100	Flam. Liq. 2 H225, Eye Irrit. 2 H319
EC 200-578-6		
CAS 64-17-5		
REACH Reg. 01-2120063206-63- 0000 1-(1,2,3,4,5,6,7,8-Octahydro- 2 3 8 8-tetramethyl-2-naphtyl)-ethanone (isomer 1) INDEX -	2,5≤x< 5	Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 1 H410 M=1
EC 259-174-3		
CAS 54464-57-2		
REACH Reg. 01-2119489989-04-		
0001 CITRUS AURANTIFOLIA (LIME) OIL		
INDEX -	0 ≤ x < 1	Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Skin Sens. 1 H317,
EC 616-919-0		Aquatic Chronic 2 H411
CAS 8008-26-2		
Ethyl linalool [3,7-Dimethyl-1,6- nonadien-3-ol]		
INDEX -	0 ≤ x < 1	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317
EC 233-732-6		
CAS 10339-55-6		
REACH Reg. 01-2119969272-32- 0000 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8- hexamethyl-2-naphthyl) ethan-1- one		
INDEX -	0,25 ≤ x < 1	Acute Tox. 4 H302, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
EC 216-133-4		STA Oral: 500 mg/kg
CAS 1506-02-1		
(Ethoxymethoxy) cyclododecane		
INDEX -	0 ≤ x < 1	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Chronic 2
EC 261-332-1		H411
CAS 58567-11-6		
REACH Reg. 01-2119971571-34- 0000		
alpha-Methyl-1,3-benzodioxole-5- propanal INDEX -	0 ≤ x < 1	Repr. 2 H361, Skin Sens. 1B H317, Aquatic Chronic 2 H411
EC 214-881-6		
CAS 1205-17-0		
3,3-Dimethyl-5-(2 2 3-trimethyl-3- cyclopenten-1-yl)-4-penten-2-ol INDEX	0,25 ≤ x < 1	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1
EC -		
CAS 107898-54-4		

The full wording of hazard (H) phrases is given in section 16 of the sheet.



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## **SECTION 4. First aid measures**

#### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

## **SECTION 5. Firefighting measures**

#### 5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

#### 5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

#### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## **SECTION 6.** Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.)



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from the leakage site.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## **SECTION 7. Handling and storage**

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

#### 7.3. Specific end use(s)

Information not available

## **SECTION 8. Exposure controls/personal protection**

#### 8.1. Control parameters

Regulatory References:

GBR	United Kingdom TLV-ACGIH			EH40/2005 Workplace exposure limits (Fourth Edition 2020) ACGIH 2021				
ETHANOL								
Threshold I	Limit Value							
Туре		Country	TWA/8h		STEL/15min		Remarks / Observations	
			mg/m3	ppm	mg/m3	ppm		
WEL		GBR	1920	1000				
TLV-ACGIH					1884	1000		



# Nuovi Profumi società cooperativa per azioni

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Legend:

## (C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a type AX filter, whose limit of use will be defined by the manufacturer (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

## ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

## **SECTION 9.** Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	liquid	
Colour	giallo chiaro	
Odour	characteristic	
Melting point / freezing point	not available	



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not available		
not available		
not available		
not available		
20 °C		
not available		
not available		
6,24-7,04 not available	Temperature: 20 °C	
soluble		
not available		
not available		
0,849-0,857 kg not available	kg/l Temperature: 20 °C	
not applicable		
ard classes		
77,03 %		
tivity		
	not available not available not available 20 °C not available 6,24-7,04 not available 6,24-7,04 not available not available not available not available not available not available not applicable	not available not available 20 °C not available 6,24-7,04 not available 6,24-7,04 not available soluble not available 0,849-0,857 kg/l not available not available not available and classes

# 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

## ETHANOL

Risk of explosion on contact with: alkaline metals, alkaline oxides, calcium hypochlorite, sulphur monofluoride, acetic anhydride, acids, concentrated hydrogen peroxide, perchlorates, perchloric acid, perchloronitrile, mercury nitrate, nitric acid, silver, silver nitrate, ammonia, silver oxide, ammonia, strong oxidising agents, nitrogen dioxide. May react dangerously with: bromoacetylene, chlorine acetylene, bromine trifluoride, chromium trioxide, chromyl chloride, fluorine, potassium tert-butoxide, lithium hydride, phosphorus trioxide, black platinum, zirconium (IV) chloride, zirconium (IV) iodide. Forms explosive mixtures with: air.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.



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ETHANOL

Avoid exposure to: sources of heat, naked flames.

#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

## **SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

#### ACUTE TOXICITY

ATE (Inhalation) of the mixture:

Not classified (no significant component)



Not classified (no significant component)

Not classified (no significant component)

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ATE (Oral) of the mixture: ATE (Dermal) of the mixture:

ETHANOL

LD50 (Oral): LC50 (Inhalation vapours):

### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

### CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

> 5000 mg/kg Rat 117 mg/l/4h Rat



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Does not meet the classification criteria for this hazard class

## ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

#### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

## **SECTION 12. Ecological information**

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment. 12.1. Toxicity

#### Information not available

#### 12.2. Persistence and degradability

ETHANOL	
Solubility in water	1000 - 10000 mg/l
Rapidly degradable 12.3. Bioaccumulative potential	
ETHANOL	
Partition coefficient: n-octanol/water	-0,35

#### 12.4. Mobility in soil

Information not available

#### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

### 12.7. Other adverse effects

Information not available



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## **SECTION 13.** Disposal considerations

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## **SECTION 14. Transport information**

#### 14.1. UN number or ID number

ADR / RID, IMDG, IATA:	1266
------------------------	------

#### 14.2. UN proper shipping name

ADR / RID:	PERFUMERY PRODUCTS
IMDG:	PERFUMERY PRODUCTS
IATA:	PERFUMERY PRODUCTS

### 14.3. Transport hazard class(es)

ADR / RID:	Class: 3	Label: 3
IMDG:	Class: 3	Label: 3
IATA:	Class: 3	Label: 3



## 14.4. Packing group

ADR / RID, IMDG, IATA:

### 14.5. Environmental hazards

ADR / RID:	NO
IMDG:	NO
IATA:	NO

#### 14.6. Special precautions for user

ADR / RID:

HIN - Kemler: 33

Ш

IMDG:

Special provision: 163, 640(C-D) EMS: F-E, S-D Limited Quantities: 5 L Tunnel restriction code: (D/E)

Limited



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		Quantities: 5		
IATA:	Cargo:	L Maximum quantity: 60 L	Packaging instructions:	
	Pass.:	Maximum quantity: 5 L	364 Packaging instructions:	
	Special provision:	A3, A72	353	
14.7. Maritime transport in	bulk according to IMO instruments			
Information not relevant				
SECTION 15. Reg	ulatory information			
15.1. Safety, health and e	environmental regulations/legislation specific f	for the substance or mixture		
Seveso Category - Directive	2012/18/EU: P5c			
Restrictions relating to the p	roduct or contained substances pursuant to Anne»	x XVII to EC Regulation 1907/2006		
Product Point	3 - 40			
Contained substance				
Point	75			
Regulation (EU) 2019/1148	- on the marketing and use of explosives precurso	ors		
not applicable				
Substances in Candidate Lis	<u>st (Art. 59 REACH)</u>			
On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.				
Substances subject to authorisation (Annex XIV REACH)				
None				
Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:				
None				
Substances subject to the R	otterdam Convention:			
None				
Substances subject to the Stockholm Convention:				
None				



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### Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

## **SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Repr. 2	Reproductive toxicity, category 2
Acute Tox. 4	Acute toxicity, category 4
Asp. Tox. 1	Aspiration hazard, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H361	Suspected of damaging fertility or the unborn child.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road

- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods



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- IMO: International Maritime Organization	
<ul> <li>INDEX: Identifier in Annex VI of CLP</li> </ul>	
LC50: Lethal Concentration 50%	
LD50: Lethal dose 50%	
OEL: Occupational Exposure Level	
PBT: Persistent bioaccumulative and toxic as REACH F	egulation
PEC: Predicted environmental Concentration	
PEL: Predicted exposure level	
PNEC: Predicted no effect concentration	
REACH: Regulation (EC) 1907/2006	
RID: Regulation concerning the international transport of	f dangerous goods by train
TLV: Threshold Limit Value	
TLV CEILING: Concentration that should not be exceed	ed during any time of occupational exposure.
TWA: Time-weighted average exposure limit TWA STEL: Short-term exposure limit	
VOC: Volatile organic Compounds	
vPvB: Very Persistent and very Bioaccumulative as for	REACH Regulation
WGK: Water hazard classes (German).	
GENERAL BIBLIOGRAPHY	Devilance
I. Regulation (EC) 1907/2006 (REACH) of the European	
2. Regulation (EC) 1272/2008 (CLP) of the European Pa 3. Regulation (EU) 2020/878 (II Annex of REACH Regula	
I. Regulation (EC) 790/2009 (I Atp. CLP) of the Europea	
5. Regulation (EU) 286/2011 (II Atp. CLP) of the Europea	
5. Regulation (EU) 618/2012 (III Atp. CLP) of the Europe	
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the Europe	
3. Regulation (EU) 944/2013 (V Atp. CLP) of the Europea	
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the Europe	an Parliament
10. Regulation (EÚ) 2015/1221 (VII Atp. CLP) of the Euro	
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the Euro	pean Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)	
<ol> <li>Regulation (EU) 2017/776 (X Atp. CLP)</li> </ol>	
4. Regulation (EU) 2018/669 (XI Atp. CLP)	
15. Regulation (EU) 2019/521 (XII Atp. CLP)	
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP	
17. Regulation (EU) 2019/1148	
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)	
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)	
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)	
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP) 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP	
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INRS - Fiche Toxicologique (toxicological sheet)	
Patty - Industrial Hygiene and Toxicology	
N.I. Sax - Dangerous properties of Industrial Materials-7	. 1989 Edition
IFA GESTIS website	
ECHA website	
Database of SDS models for chemicals - Ministry of He	alth and ISS (Istituto Superiore di Sanità) - Italy
Note for uppre-	
Note for users: The information contained in the present sheet are has	ad an our own knowledge on the date of the last varsion. Hears must varify the suitability and
CALCULATION METHODS FOR CLASSIFICATION	
e information contained in the present sheet are bas proughness of provided information according to each is document must not be regarded as a guarantee on the use of this product is not subject to our direct contro ws and regulations. The producer is relieved from any lovide appointed staff with adequate training on how to	ny specific product property. ; therefore, users must, under their own responsibility, comply with the current health and safety ability arising from improper uses.

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11. Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.



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