

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

### 1.1. Product identifier

Trade name or designation of the mixture	NYX PROFESSIONAL MAKEUP LONGWEAR LIP LINGERIE
Synonyms	None.
SDS number	30-65-0000126
Product code	G2048019
Issue date	04-20-2020
Version number	04
Revision date	11-22-2021
Supersedes date	05-27-2021

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

Identified uses	Personal care product used for cosmetic effect.
Uses advised against	None known.

### 1.3. Details of the supplier of the safety data sheet

#### Contact person

Company name	L'ORÉAL SA
Address	14, rue royale 75008 - Paris France
Telephone	+1 732 499 2745
e-mail	nacorpeuropesdsrequest@loreal.com

### 1.4. Emergency telephone number

France National Poisons Control Center	ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
INFOTRAC	+1 352-323-3500 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards		
Flammable liquids	Category 3	H226 - Flammable liquid and vapor.

#### Hazard summary

May be ignited by heat, sparks or flames. Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects. This is a consumer care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and / or swelling upon prolonged or repeated skin contact or eye contact.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Contains:	DIMETHICONE, ISODODECANE, ISODODECANE
Hazard pictograms	
Signal word	Warning
Hazard statements	H226
	Flammable liquid and vapor.

## Precautionary statements

### Prevention

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

### Response

P101	If medical advice is needed, have product container or label at hand.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P370 + P378	In case of fire: Use appropriate media to extinguish.

### Storage

P403 + P235	Store in a well-ventilated place. Keep cool.
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### Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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**Supplemental label information** 73,25% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 80,03% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

**2.3. Other hazards** Not a PBT or vPvB substance or mixture.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
DIMETHICONE	< 35	141-62-8 205-491-7	01-2119970214-41	-	
<b>Classification:</b>	Flam. Liq. 3;H226				
ISODODECANE	< 15	13475-82-6 236-757-0	01-2119490725-29	-	
<b>Classification:</b>	Flam. Liq. 3;H226, Asp. Tox. 1;H304, Aquatic Chronic 4;H413				
ISODODECANE	< 4	31807-55-3 250-816-8	-	-	
<b>Classification:</b>	Flam. Liq. 3;H226, Asp. Tox. 1;H304				

#### List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

#### General information

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

#### 4.1. Description of first aid measures

##### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

##### Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

##### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

##### Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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

Not available.

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

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

## SECTION 5: Firefighting measures

<b>General fire hazards</b>	Flammable liquid and vapor.
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>5.2. Special hazards arising from the substance or mixture</b>	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**For emergency responders** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities** Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep out of the reach of children. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Belgium. Exposure Limit Values.

Components	Type	Value	Form
BLUE 1 LAKE (CAS 68921-42-6)	TWA	2 mg/m3	
IRON OXIDES (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

Components	Type	Value	Form
BLUE 1 LAKE (CAS 68921-42-6)	VME	2 mg/m3	
<b>Regulatory status:</b>	Indicative limit (VL)		
IRON OXIDES (CAS 1309-37-1)	VME	5 mg/m3	Fume.
<b>Regulatory status:</b>	Indicative limit (VL)		
ISODODECANE (CAS 31807-55-3)	VLE	1500 mg/m3	Vapor.
<b>Regulatory status:</b>	Indicative limit (VL)		
ISODODECANE (CAS 13475-82-6)	VLE	1500 mg/m3	Vapor.
<b>Regulatory status:</b>	Indicative limit (VL)		
	VME	1000 mg/m3	Vapor.
<b>Regulatory status:</b>	Indicative limit (VL)		
ISODODECANE (CAS 31807-55-3)	VME	1000 mg/m3	Vapor.
<b>Regulatory status:</b>	Indicative limit (VL)		
TITANIUM DIOXIDE (CAS 13463-67-7)	VME	10 mg/m3	
<b>Regulatory status:</b>	Indicative limit (VL)		

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
IRON OXIDES (CAS 1309-37-1)	TWA	4 mg/m3	Inhalable dust.
		0,3 mg/m3	Respirable dust.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	0,3 mg/m3	Respirable fraction.

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

Components	Type	Value	Form
IRON OXIDES (CAS 1309-37-1)	AGW	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.
ISODODECANE (CAS 13475-82-6)	AGW	600 mg/m3	
ISODODECANE (CAS 31807-55-3)	AGW	600 mg/m3	
TITANIUM DIOXIDE (CAS 13463-67-7)	AGW	10 mg/m3	Inhalable fraction.
		1,25 mg/m3	Respirable fraction.

**Italy. Occupational Exposure Limits**

Components	Type	Value	Form
BLUE 1 LAKE (CAS 68921-42-6)	TWA	1 mg/m3	Respirable fraction.
IRON OXIDES (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

**Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817**

Components	Type	Value	Form
IRON OXIDES (CAS 1309-37-1)	STEL	5 mg/m3	Respirable fraction.
IRON OXIDES (CAS 1317-61-9)	STEL	5 mg/m3	Respirable fraction.
IRON OXIDES (CAS 1309-37-1)	STEL	10 mg/m3	Inhalable fraction.

**Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817**

Components	Type	Value	Form
IRON OXIDES (CAS 1317-61-9)	STEL	10 mg/m3	Inhalable fraction.
IRON OXIDES (CAS 1309-37-1)	TWA	5 mg/m3	Inhalable fraction.
IRON OXIDES (CAS 1317-61-9)	TWA	5 mg/m3	Inhalable fraction.
IRON OXIDES (CAS 1309-37-1)	TWA	2,5 mg/m3	Respirable fraction.
IRON OXIDES (CAS 1317-61-9)	TWA	2,5 mg/m3	Respirable fraction.
TITANIUM DIOXIDE (CAS 13463-67-7)	STEL	30 mg/m3	
	TWA	10 mg/m3	Inhalable fraction.

**Spain. Occupational Exposure Limits**

Components	Type	Value	Form
BLUE 1 LAKE (CAS 68921-42-6)	TWA	2 mg/m3	
IRON OXIDES (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

**8.2. Exposure controls**

**Appropriate engineering controls** Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

**Individual protection measures, such as personal protective equipment**

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Applicable for industrial settings only. Wear safety glasses with side shields (or goggles).

**Skin protection**

**- Hand protection** Applicable for industrial settings only. Wear appropriate chemical resistant gloves.

**- Other** Applicable for industrial settings only. Wear suitable protective clothing.

**Respiratory protection** Applicable for industrial settings only. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** Not available.

**SECTION 9: Physical and chemical properties**

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

**Appearance**

**Physical state** Liquid.

<b>Color</b>	Shaded
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	> 212 °F (> 100 °C)
<b>Flash point</b>	129,2 °F (54,0 °C) Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>9.2. Other information</b>	
<b>Fire point</b>	< 212,00 °F (< 100,00 °C) ISO 2592

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	No hazardous decomposition products are known.

## SECTION 11: Toxicological information

<b>General information</b>	Occupational exposure to the substance or mixture may cause adverse effects.
<b>Information on likely routes of exposure</b>	
<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	No adverse effects due to eye contact are expected.
<b>Ingestion</b>	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
<b>Symptoms</b>	Exposure may cause temporary irritation, redness, or discomfort.
<b>11.1. Information on toxicological effects</b>	
<b>Acute toxicity</b>	Not known.

Components	Species	Test Results
DIMETHICONE (CAS 141-62-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg bw OECD 402
<b>Inhalation</b>		
LC0	Rat	5080 mg/m <sup>3</sup> air, 6 h OECD 440
<b>Oral</b>		
LD50	Rat	> 2000 mg/kg bw Based on test data for structurally similar materials.
ISODODECANE (CAS 13475-82-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg OECD 402
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5000 mg/m <sup>3</sup> , 8 h OECD 403
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg OECD 401
ISODODECANE (CAS 31807-55-3)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg OECD 402
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 21,3 mg/l, 1 h
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg OECD 401
<b>Skin corrosion/irritation</b>	Due to partial or complete lack of data the classification is not possible. No adverse effects due to skin contact are expected.	
<b>Irritation Corrosion - Skin</b>		
ISODODECANE	OECD 404	Result: Not Irritating Species: Rabbit
		Result: Not Irritating Species: Human
<b>Serious eye damage/eye irritation</b>	Due to partial or complete lack of data the classification is not possible. No adverse effects due to eye contact are expected.	
<b>Irritation Corrosion - Eye</b>		
ISODODECANE	OECD 405	Result: Not Irritating Species: Rabbit
<b>Respiratory sensitization</b>	Due to partial or complete lack of data the classification is not possible.	
<b>Skin sensitization</b>	Due to partial or complete lack of data the classification is not possible.	
<b>Skin sensitization</b>		
ISODODECANE	OECD 406	Result: Not Sensitizing Species: Guinea pig
DIMETHICONE	OECD 406, Based on test data for structurally similar materials.	Result: Not Sensitizing Species: Guinea pig
<b>Germ cell mutagenicity</b>	Due to partial or complete lack of data the classification is not possible.	
<b>Mutagenicity</b>		
ISODODECANE		Result: In vitro and in vivo tests did not show mutagenic effects.
DIMETHICONE		Result: In vitro tests did not show mutagenic effects
<b>Carcinogenicity</b>	Not classifiable as to carcinogenicity to humans. Due to partial or complete lack of data the classification is not possible.	

**Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)**

Not listed.

**Reproductive toxicity** Due to partial or complete lack of data the classification is not possible.

**Developmental effects**

ISODODECANE >= 2000 mg/kg bw/d OECD 414  
Result: NOAEL  
Species: Rat

DIMETHICONE >= 400 ppm OECD 422  
Species: Rat

ISODODECANE >= 5220 mg/m<sup>3</sup> air OECD 414  
Result: NOAEL  
Species: Rat

**Reproductivity**

ISODODECANE >= 1000 mg/kg bw/d OECD 414  
Result: NOAEL  
Species: Rat

DIMETHICONE >= 3000 mg/kg bw/d OECD 415  
Result: NOAEL  
Species: Rat

DIMETHICONE >= 400 ppm OECD 422  
Result: NOAEC  
Species: Rat

**Specific target organ toxicity - single exposure** Due to partial or complete lack of data the classification is not possible.

**Specific target organ toxicity - repeated exposure** Due to partial or complete lack of data the classification is not possible.

DIMETHICONE >= 1000 mg/kg bw/d OECD 407, Oral  
Result: NOAEL  
Species: Rat  
Test Duration: 28 d

ISODODECANE >= 200 ppm OECD 413, Inhalation  
Result: NOAEL  
Species: Rat

DIMETHICONE >= 400 ppm OECD 413, Inhalation  
Result: NOEAC  
Species: Rat  
Test Duration: 90 d

ISODODECANE >= 5000 mg/kg bw/d OECD 408, Oral  
Result: NOAEL  
Species: Rat  
Test Duration: 90 d

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

**Mixture versus substance information** No information available.

**Other information** The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

**SECTION 12: Ecological information**

**12.1. Toxicity** Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

Components	Species	Test Results
DIMETHICONE (CAS 141-62-8)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Pseudokirchneriella subcapitata > 2,2 µg/l, 72 h
Fish	LD50	Oncorhynchus mykiss > 6,3 µg/l, 96 h
Other	EC50	Activated sludge of a predominantly domestic sewage > 100 mg/l, 3 h
<i>Chronic</i>		
Crustacea	NOEC	Daphnia magna >= 0,0049 mg/l, 21 d
Fish	NOEC	Oncorhynchus mykiss >= 0,008 mg/l, 60 d

Components	Species		Test Results
ISODODECANE (CAS 13475-82-6)			
<b>Aquatic</b>			
<i>Acute</i>			
Algae	EL50	Pseudokirchneriella subcapitata	> 1000 mg/l, 72 h OECD 201
Crustacea	EL50	Daphnia magna	> 1000 mg/l, 48 h OECD 202
Fish	LL50	Oncorhynchus mykiss	> 1000 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 h OECD 209
<i>Chronic</i>			
Crustacea	NOAEL	Daphnia magna	1 mg/l, 21 d OECD 211
ISODODECANE (CAS 31807-55-3)			
<b>Aquatic</b>			
<i>Acute</i>			
Algae	EL50	Pseudokirchneriella subcapitata	> 1000 mg/l, 72 h OECD 201
Crustacea	EL50	Daphnia magna	> 1000 mg/l, 48 h OECD 202
Fish	LL50	Oncorhynchus mykiss	> 1000 mg/l, 96 h OECD 203
Other	EC0	Pseudomonas putida	> 100 mg/l, 24 h

## 12.2. Persistence and degradability

### Biodegradability

#### Percent degradation (Aerobic biodegradation)

DIMETHICONE	0 % OECD 310 Result: Not Rapidly Biodegradable
ISODODECANE	20,6 % Result: Not Readily Biodegradable Test Duration: 28 d 31,3 % OECD 301 F Result: Not Readily Biodegradable

## 12.3. Bioaccumulative potential

### Partition coefficient

#### n-octanol/water (log Kow)

DIMETHICONE	> 8
ISODODECANE	6,4 6,96 QSAR

### Bioconcentration factor (BCF)

DIMETHICONE	>= 500 OECD 305
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**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**12.7. Additional information** The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

#### FINISHED GOODS

14.1. UN number	UN2286
14.2. UN proper shipping name	PENTAMETHYLHEPTANE SOLUTION, Limited Quantity
14.3. Transport hazard class(es)	
Class	3
Label(s)	Limited Quantity
Hazard No. (ADR)	30
Tunnel restriction code	D/E
14.4. Packing group	III
14.5. Environmental hazards	No
14.6. Special precautions for user	Not available.
LTD QTY Net Inner Capacity	5.0 L

### BULK

14.1. UN number	UN2286
14.2. UN proper shipping name	PENTAMETHYLHEPTANE SOLUTION
14.3. Transport hazard class(es)	
Class	3
Label(s)	3
Hazard No. (ADR)	30
Tunnel restriction code	D/E
14.4. Packing group	III
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not available.

### IATA

#### FINISHED GOODS

14.1. UN number	ID8000
14.2. UN proper shipping name	CONSUMER COMMODITY
14.3. Transport hazard class(es)	
Class	9
Label(s)	Class 9, Limited Quantity
14.4. Packing group	Not applicable.
14.5. Environmental hazards	No.
ERG Code	9L
14.6. Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
LTD QTY Net Inner Capacity	0.5 L

### BULK

14.1. UN number	UN2286
14.2. UN proper shipping name	PENTAMETHYLHEPTANE SOLUTION
14.3. Transport hazard class(es)	
Class	3
14.4. Packing group	III
14.5. Environmental hazards	No.
ERG Code	3L
14.6. Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

## IMDG

### FINISHED GOODS

14.1. UN number	UN2286
14.2. UN proper shipping name	PENTAMETHYLHEPTANE SOLUTION, Limited Quantity
14.3. Transport hazard class(es)	
Class	3
Label(s)	Limited Quantity
14.4. Packing group	III
14.5. Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
14.6. Special precautions for user	Not available.
LTD QTY Net Inner Capacity	5.0 L

### BULK

14.1. UN number	UN2286
14.2. UN proper shipping name	PENTAMETHYLHEPTANE SOLUTION
14.3. Transport hazard class(es)	
Class	3
14.4. Packing group	III
14.5. Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
14.6. Special precautions for user	Not available.
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	Not established.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

#### Authorizations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended**

Not listed.

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

## Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

## National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

Not available.

### References

Not available.

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any H-statements not written out in full under Sections 2 to 15

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

### Revision information

This document has undergone significant changes and should be reviewed in its entirety.

### Training information

Follow training instructions when handling this material.

### Disclaimer

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.

This document is communicated even though this product does not legally require an SDS. The purpose of this information is to allow the operators concerned to take, if necessary, the measures they deem appropriate, with regard to the storage, handling and transport of products, in order to guarantee the protection of their employees.