Maccanor	ar Italia S.r.I.	Revision nr. 1
Wettanot		Dated 26/02/2020
		First compilation
POLIS	H SPRAY	Printed on 26/02/2020
		Page n. 1/15
	-	CH - Regulation 2015/830
SECTION 1. Identification of the subs	stance/mixture a	and of the company/undertaking
<b>1.1. Product identifier</b> Code: Product name	411 00 10600-2691 POLISH SPRAY	
1.2. Relevant identified uses of the substance or m Intended use Polish for bodywork a		sed against
1.3. Details of the supplier of the safety data sheet		
Name Full address	Meccanocar Italia S. Via San Francesco, 2	
District and Country	56033 Capannoli (PI) Italy	
	Tel. +39 0587 609433	6
	Fax +39 0587 607145	5
e-mail address of the competent person		
responsible for the Safety Data Sheet	moreno.meini@meco	canocar.it
<b>1.4. Emergency telephone number</b> For urgent inquiries refer to	National Poisons Infe	ormation Service: +44 121 507 4123
SECTION 2. Hazards identification		
supplements). The product thus requires a safety datash	eet that complies with	
Any additional information concerning the risks for health	n and/or the environme	nt are given in sections 11 and 12 of this sheet.
Hazard classification and indication: Aerosol, category 1 Aerosol, category 3	H222 H229	Extremely flammable aerosol. Pressurised container: may burst if heated.
2.2. Label elements		

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

Hazard pictograms:

POLISH SPRAY       Preset of 202022202         Page n. 215         Signal words:       Danger         zard statements:       Image of 20202202         Iteration 2020 (Signal words:       Danger         zard statements:       Image of 20202202         Iteration 2020 (Signal words:       Danger         zard statements:       Image of 20202202         Iteration 2020 (Signal words:       Danger         Iteration 2020 (Signal words:       Pressurised container: may burst if heated.         Iteration 2020 (Signal words:       Pressurised container: may burst if heated.         Iteration 2020 (Signal words:       Pressurised container: may burst if heated.         Iteration 2020 (Signal words:       Pressurised container: may burst if heated.         Iteration 2020 (Signal words:       Do NOT induce wornting.         Iteration 2020 (Signal words:       Words:         Iteration:       Words:         Iteration:       Iteration:         Iteration:       X = Conc. %       Classifidation 1272/200		Meccanoca	ar Italia S.r.I.	Revision nr. 1 Dated 26/02/2020 First compilation
Page n. 215         Signal words:       Danger         tzzard statements:         tz220       Extremely flammable aerosol.         tz220       Pressurised container: may burst if heated.         EVH066       Repeated exposure may cause skin dryness or cracking.         ecautionary statements:         P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P331       Da NOT induce vorniting:         P332       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P333       Da NOT induce vorniting:         P334       P35         P335       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P334       P335         P335       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P334       P335         P335       Wear protective glowsk/ protective clothing / eye protection / face protection.         P334       FSWALLOWED: immediately call a POISON CENTER / doctor.         P334       HyDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC         Status       the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.         SECTION 3. Composition/information on ing		POLISE	H SPRAY	
Azzard statements:          H223       Extremely flammable aerosol.         H229       Pressurised container: may burst if heated.         EUH066       Repeated exposure may cause skin dryness or cracking.         ecautionary statements:         P231       Do NOT induce vomiting.         P233       Keep ontainer tightly closed.         P331       Do NOT induce vomiting.         P431       Do NOT induce vomiting.         P333       Keep container tightly closed.         P335       Store in a well-ventilated place. Keep cool.         P343       Do NOT induce vomiting.         P344       Do NOT induce vomiting.         P344       Max protective close. Keep cool.         P344       Max protective close. Keep cool.         P344       Max protective close. Keep cool.         Store in a well-ventilated place. Keep cool.       Store in a well-ventilated place. Keep cool.         Store in a well-ventilated place. Keep cool				Page n. 2/15
azzrd statements:         H223       Extremely flammable aerosol.         H239       Pressurised container: may burst if heated.         EUH066       Repeated exposure may cause skin dryness or cracking.         ecautionary statements:       Pressurised container: may burst if heated.         P31       Do NOT induce vomiting.         P33       Keep ontainer tightly closed.         P43+P235       Store in a well-ventilated place. Keep cool.         P243       Wear protective glowes/ protective clothing / eye protection.         P31       Do NOT induce vomiting.         P33       Keep container tightly closed.         P43+P235       Store in a well-ventilated place. Keep cool.         P240       Wear protective glowes/ protective clothing / eye protection.         P31+P310       LF SWALLOWED: Immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC	<b>^</b>			
azard statements:          H222       Extremely flammable aerosol.         H223       Pressurised container: may burst if heated.         EUH066       Repeated exposure may cause skin dryness or cracking.         recautionary statements:         P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P233       Keep container tightly loode.         P339       Do NOT induce vormiting.         P231       Do NOT induce vormiting.         P233       Keep container tightly loode.         P339       Wear protective gloves/ protective clothing / eye protection.         P31+P310       IF SWALLOWED: Immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC         3. Other hazards       In the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.         SECTION 3. Composition/information on ingredients       Interview of the state of	JL.			
azard statements:          H222       Extremely flammable aerosol.         H223       Pressurised container: may burst if heated.         EUH066       Repeated exposure may cause skin dryness or cracking.         recautionary statements:         P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P233       Keep container tightly loode.         P339       Do NOT induce vormiting.         P231       Do NOT induce vormiting.         P233       Keep container tightly loode.         P339       Wear protective gloves/ protective clothing / eye protection.         P31+P310       IF SWALLOWED: Immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC	<u>₹</u> 3			
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H222       Extremely flammable aerosol.         H223       Pressurised container: may burst if heated.         EUH066       Repeated exposure may cause skin dryness or cracking.         recautionary statements:       P210         P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P31       Do NOT induce vomiting.         P233       Keep container tightly closed.         P403+P235       Store in a well-ventilated place. Keep cool.         P280       Wear protective gloves/ protective clothing / eye protection / face protection.         P301+P310       IF SWALLOWED: immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC	Signal words:	Danger		
H222       Extremely flammable aerosol.         H223       Pressurised container: may burst if heated.         EUH066       Repeated exposure may cause skin dryness or cracking.         recautionary statements:       P210         P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P31       Do NOT induce vomiting.         P233       Keep container tightly closed.         P403+P235       Store in a well-ventilated place. Keep cool.         P280       Wear protective gloves/ protective clothing / eye protection / face protection.         P301+P310       IF SWALLOWED: immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC				
H229 EUH066       Pressurised container: may burst if heated. Repeated exposure may cause skin dryness or cracking.         recautionary statements:       P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P331       Do NOT induce vomiting. Do NOT induce vomiting.         P331       Do NOT induce vomiting.       P333         P403+P235       Store in a well-ventilated place. Keep cool.         P403+P235       Store in a well-ventilated place. Keep cool.         P301+P310       IF SWALLOWED: immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC	azard statements:			
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P210       Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.         P31       Do NOT induce vomiting.         P233       Keep container tightly closed.         P403+P235       Store in a well-ventilated place. Keep cool.         P280       Wear protective gloves/ protective clothing / eye protection / face protection.         P31+P310       IF SWALLOWED: immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC	H229	Pressurised container: may b	burst if heated.	
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P301+P310       IF SWALLOWED: immediately call a POISON CENTER / doctor.         Contains:       HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC		Store in a well-ventilated place	ce. Keep cool.	
3. Other hazards         an the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.         SECTION 3. Composition/information on ingredients         3.2. Mixtures         contains:         Identification $x = Conc. \%$ Classification 1272/2008 (CLP)         HYDROCARBONS C3-4         CAS       68476-40-4       18 ≤ x < 19.5		IF SWALLOWED: immediate	ely call a POISON CENTER / doctor.	
SECTION 3. Composition/information on ingredients         3.2. Mixtures         contains:         Identification $x = Conc. \%$ Classification 1272/2008 (CLP)         HYDROCARBONS C3-4         CAS       68476-40-4       18 $\leq x < 19,5$ Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: H K U         EC       270-681-9	Contains:	HYDROCARBONS, C9-C11,	, N-ALCANS, ISOALKANS, CYCLES, <2% AROMA	TIC
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3.2. Mixtures         sontains:         Identification $x = Conc. \%$ Classification 1272/2008 (CLP)         HYDROCARBONS C3-4         CAS       68476-40-4 $18 \le x < 19.5$ Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: H K U         EC       270-681-9	SECTION 2 Com	nocition/information	on ingradiants	
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EC 270-681-9 Annex VI to the CLP Regulation: H K U				
EC 270-681-9	CAS 68476-40-4	18 ≤ x < 19,5		assification note according to
INDEX -	EC 270-681-9			
	INDEX -			

 HYDROCARBONS, C9-C11, N 

 ALCANS, ISOALKANS, CYCLES,

 <2% AROMATIC</td>

 CAS
 64742-48-9

 18 ≤ x < 19,5</td>
 Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066

 EC
 919-857-5

 INDEX 

Reg. no. 01-2119463258-33-XXXX

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 The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE 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 terminated 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.) from the leakage site.

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#### 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. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. 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:

TLV-ACGIH

ACGIH 2019

HYDROCARBONS C3-4 Threshold Limit Value						
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH			1000			

#### Health - Derived no-effect level - DNEL / DMEL

	Effects on				Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic

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23,4 mg/kg bw/d

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Skin

Legend:

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

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

### 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.

#### 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 and type of use.

#### SKIN PROTECTION

Wear category I 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.

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Chemical resistant gloves are recommended. Nitrile, standards CEN EN 420 and EN 374 provide general requirements and lists of types of gloves.

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

9.1. Information on basic physical and chemical properties

Appearance

liquido sotto pressione

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Colour	white
Odour	characteristic
Odour threshold	Not available
рН	Not available
Melting point / freezing point	< -100 °C
Initial boiling point	> -42 °C
Boiling range	-42 °C
Flash point	< -80 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	1,8 % (V/V)
Upper inflammability limit	9,5 % (V/V)
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	3,2 bar
Vapour density	>2
Relative density	0,83 kg/l
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	> 400 °C
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information

Information not available

### **SECTION 10. Stability and reactivity**

#### 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.

### 10.4. Conditions to avoid

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

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Avoid heat, sparks, open flames and other sources of ignition.

### 10.5. Incompatible materials

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Strong oxidants

#### 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**

#### 11.1. Information on toxicological effects

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

LC50 (Inhalation) of the mixture: Not classified (no significant component) LD50 (Oral) of the mixture: Not classified (no significant component) LD50 (Dermal) of the mixture: Not classified (no significant component)

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: OECD 423 Reliability: 2 Species: Rat (Wistar; male / female) Route of exposure: Oral Results: LD50> 15 000 mg / kg bw Method: Equivalent or similar to OECD 403 Reliability: 1

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Species: Rat (Crj: CD (SD); male / female) Route of exposure: Inhalation (vapors) Results: LC50> 4 951 mg / m<sup>3</sup> air Method: Equivalent or similar to OECD 402 Reliability: 2 Species: Rabbit (New Zealand White; male / female) Route of exposure: Dermal Results: LD50> 5 000 mg / kg bw

HYDROCARBONS C3-4

Method: Not indicated-Read Across Reliability: 2 Species: Rat (Alderley Park (SPF); male / female) Route of exposure: Inhalation Results: LC50 1 443 mg / L air

#### **SKIN CORROSION / IRRITATION**

Repeated exposure may cause skin dryness or cracking.

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: Equivalent or similar to OECD 404 Reliability: 1 Species: Rabbit (New Zealand White) Route of exposure: Dermal Results: Irritating

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: OECD 405 Reliability: 1 Species: Rabbit (New Zealand White) Route of exposure: Ocular Results: Not irritating

#### RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Skin sensitization HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: OECD 406 Reliability: 2 Species: guinea pig (Hartley; female) Route of exposure: Dermal Results: Not sensitizing

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

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Method: OECD 471 in vitro test Reliability: 1 Species: S. typhimurium Results: Negative with or without metabolic activation Method: Equivalent or similar to OECD 474 in vivo test Reliability: 1 Species: Mouse (CD-1; male / female) Route of exposure: Oral Results: Negative

#### HYDROCARBONS C3-4

Method: OECD 474-test in vivo Reliability: 1 Species: Rat (Sprague-Dawley CD; male / female) Route of exposure: Inhalation (gas) Results: Negative Method: OECD 471 in vitro test - Read Across Reliability: 1 Species: S. typhimurium Results: Negative with and without metabolic activation

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: Equivalent or similar to OECD 453 Reliability: 1 Species: Rat (F344 / N; male / female) Route of exposure: Inhalation (vapors) Results: NOAEC 138 mg / m<sup>3</sup> air

HYDROCARBONS C3-4

Method: Equivalent or similar to EPA OPP 83-5 -Read Across Reliability: 1 Species: Rat (Fischer 344; male / female) Route of exposure: Oral Results: Carcinogen

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: OECD TG 413 Reliability: 1 Species: Rat (Fischer 344; male / female) Route of exposure: Inhalation (vapors) Results: NOAEC> = 400 ppm

HYDROCARBONS C3-4

Method: OECD 413 Reliability: 1

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Species: Rat (Sprague-Dawley CD; male / female) Route of exposure: Inhalation (gas) Results: NOAEC (fertility) 10 000 ppm

Adverse effects on development of the offspring HYDROCARBONS C3-4

Method: EPA OPPTS 870.3700 Reliability: 1 Species: Rat (VAF / Plus®, Sprague-Dawley Derived (CD®) Crl: CD® IGS BR) Route of exposure: Inhalation (gas) Results: NOAEC (development) 10 426 ppm

#### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Based on available data and through expert judgment, the substance is classified in the target organ toxicity class for single exposure.

### HYDROCARBONS C3-4

Based on available data and through expert judgment, the substance is not classified as dangerous in the target organ toxicity class for single exposure.

Route of exposure HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Dermal and inhalation

### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

HYDROCARBONS, C9-C11, N-ALCANS, ISOALKANS, CYCLES, <2% AROMATIC

Method: Equivalent or similar to OECD 422 Reliability: 1 Species: Rat (Sprague-Dawley; male / female) Route of exposure: Oral Results: NOAEL> = 1000 mg / kg / day Method: Equivalent or similar to OECD 413 Reliability: 1 Species: Rat (Albino; male / female) Route of exposure: Inhalation (vapors) Results: NOAEC 10186 mg / m3

#### HYDROCARBONS C3-4

Method: OECD 413 Reliability: 1 Species: Rat (Sprague-Dawley CD; male / female) Route of exposure: Inhalation (gas) Results: NOAEC 10 000 ppm

### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

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### **SECTION 12. Ecological information**

12.1. Toxicity

HYDROCARBONS C3-4 LC50 - for Fish

49,47 mg/l/96h

### 12.2. Persistence and degradability

HYDROCARBONS C3-4 Easily degradable in water. **12.3. Bioaccumulative potential** 

Information not available

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 greater than 0,1%.

#### 12.6. Other adverse effects

Information not available

### **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

ADR / RID, IMDG, 1950 IATA:

14.2. UN proper shipping name

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ADR / RID:	AEROSOLS
IMDG:	AEROSOLS
IATA:	AEROSOLS, FLAMMABLE

### 14.3. Transport hazard class(es)

ADR / RID:	Class: 2	Label: 2.1
IMDG:	Class: 2	Label: 2.1
IATA:	Class: 2	Label: 2.1



### 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: Special Provision: -	Limited Quantities: 1 L	Tunnel restriction code: (D)
IMDG:	EMS: F-D, S-U	Limited Quantities: 1 L	
IATA:	Cargo:	– Maximum quantity: 150 Kg	Packaging instructions: 203
	Pass.:	Maximum quantity: 75 Kg	Packaging instructions: 203
	Special Instructions:	A145, A167, A802	200

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

## **SECTION 15. Regulatory information**

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

Seveso Category - Directive 2012/18/EC: P3a

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Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product Point

3 - 40

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

### 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. Gas 1A	Flammable gas, category 1A
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 3	Flammable liquid, category 3
Press. Gas (Liq.)	Liquefied gas
Asp. Tox. 1	Aspiration hazard, category 1
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H226	Flammable liquid and vapour.

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H280	Contains gas under pressure; may burst if heated.		
H304	May be fatal if swallowed and enters airways.		
H336	May cause drowsiness or dizziness.		
EUH066	Repeated exposure may cause skin dryness or cracking.		
	······································		
<ul> <li>CAS NUMBER: Chemica</li> <li>CE50: Effective concentr</li> <li>CE NUMBER: Identifier i</li> <li>CLP: EC Regulation 127</li> <li>DNEL: Derived No Effect</li> <li>EmS: Emergency Sched</li> <li>GHS: Globally Harmoniz</li> <li>IATA DGR: International Maritir</li> <li>INDC: International Maritir</li> <li>IMO: International Maritir</li> <li>INDEX NUMBER: Identif</li> <li>LC50: Lethal Concentrati</li> <li>LD50: Lethal Concentrati</li> <li>LD50: Lethal Concentrati</li> <li>PET: Predicted environm</li> <li>PEL: Predicted exposure</li> <li>PNEC: Predicted no effe</li> <li>REACH: EC Regulation</li> <li>RID: Regulation concern</li> <li>TLV CEILING: Concentrati</li> <li>TWA STEL: Short-term e</li> <li>TWA: Time-weighted ave</li> <li>VOC: Volatile organic Co</li> </ul>	Level ule ed System of classification and labeling of chemicals Air Transport Association Dangerous Goods Regulation icentration 50% time Code for dangerous goods ne Organization ier in Annex VI of CLP on 50% sure Level nulative and toxic as REACH Regulation nental Concentration level ct concentration 1907/2006 ing the international transport of dangerous goods by train ue ation that should not be exceeded during any time of occupational exposure limit prage exposure limit propounds d very Bioaccumulative as for REACH Regulation	exposure.	
<ol> <li>Regulation (EC) 1272/2</li> <li>Regulation (EU) 790/20</li> <li>Regulation (EU) 2015/8</li> <li>Regulation (EU) 288/20</li> <li>Regulation (EU) 488/20</li> <li>Regulation (EU) 487/20</li> <li>Regulation (EU) 944/20</li> <li>Regulation (EU) 605/20</li> <li>Regulation (EU) 2015/</li> <li>Regulation (EU) 2015/</li> <li>Regulation (EU) 944/20</li> <li>Regulation (EU) 2015/</li> <li>Regulation (EU) 2016/</li> <li>Regulation (EU) 2016/</li> <li>Regulation (EU) 2016/</li> <li>Regulation (EU) 2018/</li> <li>Regulation (EU) 2018/</li></ol>	006 (REACH) of the European Parliament 008 (CLP) of the European Parliament 009 (I Atp. CLP) of the European Parliament 30 of the European Parliament 11 (II Atp. CLP) of the European Parliament 12 (III Atp. CLP) of the European Parliament 13 (IV Atp. CLP) of the European Parliament 14 (VI Atp. CLP) of the European Parliament 1221 (VII Atp. CLP) of the European Parliament 1221 (VII Atp. CLP) of the European Parliament 1179 (IX Atp. CLP) of the European Parliament 1179 (IX Atp. CLP) 669 (XI Atp. CLP) 669 (XI Atp. CLP) 521 (XII Atp. CLP) Edition y ue (toxicological sheet)	, ,	lsers must verify the suitability and

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thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products. Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12. The data for evaluation of chemical-physical properties are reported in section 9.

Changes to previous review: The following sections were modified: 01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 14 / 15 / 16.