Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code:	**WAFLU200**
Product name	**As above indicated**

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

Description/Usage	**Oil for filter regeneration for professional use only**
Uses Not Recommended	This product is not recommended for any use other than those previously indicated.

1.3. Details of the supplier of the safety data sheet

Name	**BMC S.r.l.**
Full address	**Via Roslè 115**
District and Country	**40059 Medicina (BO)** **ITALY**
	tel. +39 051/6971511
e-mail address of the competent person responsible for the Safety Data Sheet	**info@bmcairfilters.com**

1.4. Emergency telephone number

For urgent inquiries refer to	**Malta 112** **United Kingdom NHS 111** **Ireland Members of Public: +353 (01) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)** **Healthcare Professionals: +353 (01) 809 2566 (24 hour service)** **Users who receive this SDS in English and are outside the area of Malta, UK and Ireland should contact the nearest poison center present in their national territory**

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:

Aerosol, category 1	H222	Extremely flammable aerosol.
	H229	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:

Signal words: Danger

Hazard statements:

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.
P211 Do not spray on an open flame or other ignition source.

2.3. Other hazards

Aerosol containers exposed to temperatures above 50°C may deform and burst and be projected a considerable distance.
The aerosol contains an asphyxiant gas, avoid the accumulation of vapors in large quantities in confined spaces as it can cause asphyxiation due to lack of oxygen. Exposure to high concentrations of vapours, particularly in confined and inadequately ventilated environments, can cause irritation of the respiratory tract, nausea, malaise and dizziness.
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 ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC INDEX 649-474-00-6 EC 265-169-7 CAS 64742-65-0 REACH Reg. 01-2119471299-27-xxxx	40 ≤ x < 42,5	Classification note according to Annex VI to the CLP Regulation: L

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

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 60,00 %

NOTE L relating to oil: The extract content in dimethyl sulfoxide, determined with the IP 346 method, is less than 3% by weig ht. Therefore, in accordance with the criteria adopted by the European Union on the classification and labeling of dangerous substances, this product is classified as "non-carcinogenic".

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. Get medical advice if the problem persists.
SKIN: Remove contaminated clothing. Take a shower immediately. Get medical advice. Wash the contaminated garments before reusing them.
INHALATION: Remove victim to fresh air. If the subject stops breathing, administer artificial respiration. Get medical attention immediately.
INGESTION:. Get medical attention. Do not induce vomiting. Do not administer anything that is not expressly authorized by the doctor.
PROTECTIVE MEASURES FOR THE FIRST RESCUE WORKERS: for PPE (personal protection equipment) required for first aid refer to section 8.2 of this safety data sheet.

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

May be fatal if swallowed and enters airways.

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

Treat symptomatically.
In the event of an accident or if you feel unwell, consult a doctor immediately (show the instructions for use or the safety data sheet if possible).

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
If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the 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.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS
Normal fire fighting clothing, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and firefighter boots (HO A29 or A30).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Do not touch or walk through spilled material.
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. Wear an appropriate respirator when ventilation is inadequate.
Do not breathe aerosol. Avoid leakage of the product into the environment.
Non-emergency personnel must follow the appropriate internal procedures in case of accidental release.

6.2.2 For emergency responders
Block the leakage if there is no hazard.
Evacuate unprotected and untrained personnel from hazard area. Wear suitable protective equipment. (see Section 8 of this Safety data sheet)
Follow the appropriate internal procedures in case of accidental release. Isolate hazard area and deny entry. Ventilate closed spaces before entering.

6.2. Environmental precautions

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up

Use inert absorbent material to soak up leaked product. 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

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. 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. Do not eat, drink or smoke during use. Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

7.3. Specific end use(s)

No use other than as indicated in section 1.2 of this safety data sheet

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Health - Derived no-effect level - DNEL / DMEL

	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,74 mg/kg bw/d				
Inhalation							5,58 mg/m3	2,73 mg/m3
Skin								0,97 mg/kg bw/d

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

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
It is recommended to protect hands with 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.

EYE PROTECTION
Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION
Wear a mask with a type AX filter combined with a type P filter. (see standard EN 14387).
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.

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

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	Liquid under pressure - aerosol	
Colour	Red (liquid phase)	
Odour	Technical	
Melting point / freezing point	-187,6°C ÷ -138,3°C	Note: Data relating to propellant
Initial boiling point	-164,5°C	Note: Data relating to propellant
Flammability	extremely flammable aerosol	
Lower explosive limit	1,86 % (v/v)	Note: Data relating to propellant
Upper explosive limit	15 % (v/v)	Note: Data relating to propellant
Flash point	-104 < T < 60 °C	Note: Data relating to propellant
Auto-ignition temperature	287°C ÷ 537°C	Note: Data relating to propellant
Decomposition temperature	not available	
pH	not applicable	Reason for missing data: liquid phase insoluble in water
Kinematic viscosity	46 cSt	Temperature: 40 °C
Solubility	insoluble in water	
Partition coefficient: n-octanol/water	not applicable	Reason for missing data: liquid phase insoluble in water
Vapour pressure	not available	
Density and/or relative density	0,87 g/cm3	
Relative vapour density	not available	
Particle characteristics	Not applicable based on physical status	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

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

Vapors can form explosive mixtures with air

10.4. Conditions to avoid

Avoid overheating. Avoid the accumulation of electrostatic charges. Avoid all sources of ignition. Avoid temperatures above 35°C, sunlight and any type of exposure to heat sources.

10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

10.6. Hazardous decomposition products

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

SECTION 11. Toxicological information

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled according to good industrial practices.

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

ACUTE TOXICITY

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

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: OECD 401

Reliability (Klimisch score): 1
Species: Rat (Sprague-Dawley; male/female)
Exposure: oral
Results: LD50 > 5000 mg/kg body weight
Method: equivalent or similar to OECD 403
Reliability (Klimisch score): 1
Species: Rat (Sprague-Dawley; male/female)
Exposure: inhalation (aerosols)
Results: LC50 = 2.18 mg/L (air)/4h
Method: OECD 402
Reliability (Klimisch score): 1
Species: Rabbit (New Zealand White; male/female)
Exposure: dermal
Results: LD50 > 5000 mg/kg body weight

SKIN CORROSION / IRRITATION
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: unspecified
Reliability (Klimisch score): 2
Species: Rabbit (New Zealand White)
Exposure: dermal
Results: not irritating

SERIOUS EYE DAMAGE / IRRITATION
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: equivalent or similar to OECD 405.
Reliability (Klimisch score): 1
Species: Rabbit (New Zealand White)
Exposure: eye
Results: not irritating.

RESPIRATORY OR SKIN SENSITISATION
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: equivalent or similar to OECD 406.
Reliability (Klimisch score): 1
Species: guinea pig (Hartley; male)
Exposure: dermal
Results: non-sensitizing.

GERM CELL MUTAGENICITY
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: equivalent or similar to OECD 473 - in vitro test
Reliability (Klimisch score): 1
Species: Chinese Hamster Ovary
Results: negative with and without metabolic activation.
Method: OECD 474 - in vivo test
Reliability (Klimisch score): 1
Species: Mouse (CD-1; male/female)
Exposure: intraperitoneal
Results: negative.

CARCINOGENICITY
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: equivalent or similar to OECD 451
Reliability (Klimisch score): 1
Species: Mouse (CF1; female)
Exposure: dermal
Results: negative.

REPRODUCTIVE TOXICITY
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Method: OECD 421
Reliability (Klimisch score): 1
Species: Rat (Sprague Dawley; male/female)
Exposure: oral
Results: negative. NOAEL ≥1000 mg/kg/day

STOT - SINGLE EXPOSURE
Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE
Does not meet the classification criteria for this hazard class

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Based on available data, the substance does not show specific target organ toxicity effects for repeated exposure and is not classified under the relevant CLP 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

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
LL50: >100 mg/l/96h Pimephales promelas (OECD 203)
EL50: >10000 mg/l/48h Daphnia magna (equivalent or similar to OECD 202)
NOEL: >100 mg/l/72h Pseudokirchneriella subcapitata (OECD 201)

12.2. Persistence and degradability

DISTILLATES (PETROLEUM), SOLVENTDEWAXED HEAVY PARAFFINIC
Entirely degradable
(OECD Guideline 301 F)

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 ≥ 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

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. (Directive 2008/98/EC and subsequent amendments and adjustments and related national transpositions).
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
The legal responsibility for disposal is the producer / holder of the waste.
To this mixture different EWC codes could be applied (European Waste Code) based on the specific circumstances that generated the waste, possible alterations and / or possible contamination.

The product as such, contained in the original packaging, or decanted in an appropriate container for the purpose of disposal, or no longer usable (for example following an accidental spill), must be classified with a EWC code that is compatible with the description of the use indicated in section 1.2.

The suitable final destination of the waste must be evaluated by the manufacturer on the basis of the chemical-physical characteristics of the waste, the compatibility with the authorized facility to which it will be given for recovery, and the definitive treatment or disposal according to the procedures established by current regulations.
Disposal through wastewater discharge is not permitted.

For dangerous substances registered according to EC Regulation 1907/2006 (REACH) for which a chemical safety report has been drawn up, refer to the specific information contained in the exposure scenarios attached to this safety data sheet.

CONTAMINATED PACKAGING
Contaminated packaging must be sent, properly labeled, to recovery or disposal in compliance with national waste management regulations and must be classified with the following EWC code:
15 01 10*: packaging containing residues of or contaminated by dangerous substances

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, IATA: 1950

14.2. UN proper shipping name

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: --	Limited Quantities: 1 L	Tunnel restriction code: (D)
	Special provision: -		
IMDG:	EMS: F-D, S-U	Limited Quantities: 1 L	
IATA:	Cargo:	Maximum quantity: 150 Kg	Packaging instructions: 203
	Passengers:	Maximum quantity: 75 Kg	Packaging instructions: 203
	Special provision:	A145, A167, A802	

14.7. Maritime transport in bulk according to IMO instruments

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/EU: P3a

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

Point.	*3*
	Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: *(a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F;* *(b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10;* *(c) hazard class 4.1;* *(d) hazard class 5.1.*
Point.	*40*
	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI M21 to Regulation (EC) No 1272/2008 or not.

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

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 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

Procedure used to derive the classification according to Regulation (EC) 1272/2008 (CLP) in relation to mixtures:

Aerosols, category 1	H222	Expert judgement
	H229	Expert judgement

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

Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.

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
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- 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 dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded 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
1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. 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)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- 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 Health and ISS (Istituto Superiore di Sanità) - Italy

Note for the recipient of the Safety Data Sheet (SDS):

The recipient of this SDS shall make sure of reading and understanding the information included by all people who handle, store, use, or otherwise come into contact in any way with the substance or mixture to which this SDS is referred to. In particular, the recipient shall provide adequate training to the personnel for the use of hazardous substances and/or mixtures. The recipient shall verify the suitability and completeness of the provided information according to the specific use of the substance or mixture.

However, the substance or mixture referred to by this SDS shall not be used for uses other than those specified in Section 1. The Supplier don't assume responsibility for improper uses. Since the use of the product does not fall under the direct control of the Supplier, the user shall, under his own responsibility, fulfill national and EU regulations concerning health and safety.

The information included in this SDS are provided in good faith and are based on the current state of scientific and technical knowledge, at the revision date indicated, available to the Supplier indicated in Section 1 of this SDS. It shall not be meant that the SDS is a guarantee of any specific property of the substance or mixture. The information concern only to the substance or mixture specifically designated in Section 1 and it could not be valid for the substance or mixture used in combination with other materials or in any process not specified in the text.

Changes from the previous revision
Changes have been made to the following sections:
01 / 02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.