DB043 - SGRASSANTE METALLI GIGLIO

Revision nr.2 Dated 22/04/2021 Printed on 07/05/2021 Page n. 1 / 10

(monza e brianza)

Replaced revision:1 (Dated 12/01/2021)

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

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

1.1. Product identifier

Code: DB043

Product name SGRASSANTE METALLI GIGLIO

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

Intended use Degreaser

1.3. Details of the supplier of the safety data sheet

Name BRENNA SRL
Full address via arno 48
District and Country 20831 seregno

italia Tel. 0362239819 Fax 0362244726

e-mail address of the competent person

responsible for the Safety Data Sheet brennachim@gmail.com

Product distribution by: Brenna srl

1.4. Emergency telephone number

For urgent inquiries refer to Pesticide Registration and Control Division

Dept of Agriculture, Food and the Marine, Back Weston Laboratory Complex,

Backweston, Celbridge, Co Kildare Telephone: +353 1 615 7552

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 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Flammable liquid, category 2 H225 Highly flammable liquid and vapour. Specific target organ toxicity - single exposure, H371 May cause damage to organs. category 2

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:

H225 Highly flammable liquid and vapour.
H371 May cause damage to organs.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

ΕN

BRENNA SRL

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SECTION 2. Hazards identification .../>>

P280 Wear protective gloves/ protective clothing / eye protection / face protection.

P370+P378 In case of fire: use fire extinguisher to extinguish.

P233 Keep container tightly closed.

P308+P311 IN CASE of exposure or possible exposure: contact a POISON CENTER / doctor

Contains: METHANOL

2.3. Other hazards

On 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)

METHYL ACETATE

CAS 79-20-9 $6 \le x < 7$

EC 201-185-2 INDEX 607-021-00-X

METHANOL

CAS 67-56-1 $4 \le x < 4,5$

Flam. Lig. 2 H225, Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331,

Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066

STOT SE 1 H370

EC 200-659-6 INDEX 603-001-00-X

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

SECTION 4. First aid measures

4.1. Description of first aid measures

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

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

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

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

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

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

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

UNSUITABLE EXTINGUISHING EQUIPMENT

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

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

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SECTION 5. Firefighting measures .../>>

5.3. Advice for firefighters

GENERAL INFORMATION

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

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

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

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

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

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

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

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

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. 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:

BGR	България	МИНИСТЕРСТВО НА ТРУДА И СОЦИАЛНАТА ПОЛИТИКА МИНИСТЕРСТВО НА
		ЗДРАВЕОПАЗВАНЕТО НАРЕДБА No 13 от 30 декември 2003 г (4 Септември 2018г)
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition, published 2018)
ITA	Italia	DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017
EU	OEL EU	Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC;

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SECTION 8. Exposure controls/personal protection/>>

Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC.

TLV-ACGIH ACGIH 2019

METHYL ACETATE								
Threshold Limit Value								
Туре	Country	TWA/8h		STEL/15r	min	Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
WEL	GBR	616	200	770	250			
TLV-ACGIH		606	200	757	250			

					THANGI				
There are a fail to the MAY				ME	THANOL				
Threshold Limit Va				O==: ··-					
Туре	Country	TWA/8h		STEL/15min		Remarks / O	bservations		
		mg/m3	ppm	mg/m3	ppm				
TLV	BGR	260	200			SKIN			
WEL	GBR	266	200	333	250	SKIN			
VLEP	ITA	260	200			SKIN			
OEL	EU	260	200			SKIN			
TLV-ACGIH		260	200	328	250	SKIN			
Predicted no-effec	t concentra	tion - PN	EC						
Normal value in	fresh water						208	mg/l	
Normal value in	marine wate	er					208	mg/l	
Normal value for	fresh water	sediment					77	mg/kg/d	
Normal value for	marine wat	er sedime	nt				77	mg/kg/d	
Normal value for	water, inter	mittent rel	ease				1540	mg/l	
Normal value of	STP microc	rganisms					100	mg/l	
Normal value for	the terrestr	ial compar	tment				100	mg/kg	
Health - Derived no	o-effect lev	el - DNEL	/ DMEL						
Effects on consumers						Effects on workers			
Route of exposu	re Acut	te A	cute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic
	loca	l sy	stemic	local	systemic		systemic	local	systemic
Oral		8			8		•		•
		m	g/kg bw/d		mg/kg bw/d				
Inhalation	50	50		50	50	260	260	260	260
	mg/ı	m3 m	g/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Skin		8	_	<u> </u>	8	<u> </u>	40		40
		m	g/kg bw/d		mg/kg bw/d		mg/kg		mg/kg
					5 5		bw/d		bw/d

_egend:

(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.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

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

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

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

SKIN PROTECTION

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

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

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

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

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

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing

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Information

SECTION 8. Exposure controls/personal protection/>>

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.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties		Value	
Appearance		liquid	
Colour		colourle	ess
Odour		punger	ıt
Odour threshold		Not ava	ailable
рН		Not ava	ailable
Melting point / freezing point		Not ava	ailable
Initial boiling point	>	35	°C
Boiling range		55-95	°C
Flash point	<	23	°C
Evaporation rate		Not ava	ailable
Flammability (solid, gas)		Not ava	ailable
Lower inflammability limit		Not ava	ailable
Upper inflammability limit		Not ava	ailable
Lower explosive limit		Not ava	ailable
Upper explosive limit		Not ava	ailable
Vapour pressure		Not ava	ailable
Vapour density		Not ava	ailable
Relative density		Not ava	ailable
Solubility		Not ava	ailable
Partition coefficient: n-octanol/water		Not ava	ailable
Auto-ignition temperature		Not ava	ailable
Decomposition temperature		Not ava	ailable
Viscosity		Not ava	ailable
Explosive properties		Not ava	ailable
Oxidising properties		Not ava	ailable

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.

METHYL ACETATE

Stable in normal conditions of use and storage.

METHANOL

Stable in normal conditions of use and storage.

10.2. Chemical stability

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

HYDROCARBONS, C9, AROMATIC

Stable in normal conditions of use and storage.

METHYL ACETATE

Stable in normal conditions of use and storage.

METHANOL

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

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SECTION 10. Stability and reactivity .../>>

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

HYDROCARBONS, C9, AROMATIC Avoid exposure to: heat,naked flames. METHANOL

Avoid exposure to: heat.

10.5. Incompatible materials

HYDROCARBONS, C9, AROMATIC Incompatible with: oxidising.

10.6. Hazardous decomposition products

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

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

METHANOL

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; contact with the skin of products containing the substance.

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

METHANOL

The minimum lethal dose for humans by ingestion is considered to be in the range from 300 to 1000 mg/kg. Ingestion of 4-10 ml of the substance may cause permanent blindness in adult humans (IPCS).

Interactive effects

Information not available

ACUTE TOXICITY

 $LC50 \ (Inhalation) \ of the mixture: $ > 20 \ mg/l \\ LD50 \ (Oral) \ of the mixture: $ > 2000 \ mg/kg \\ LD50 \ (Dermal) \ of the mixture: $ > 2000 \ mg/kg$

METHANOL

 LD50 (Oral)
 6000 mg/kg rat

 LD50 (Dermal)
 16000 mg/kg rabbit

 LC50 (Inhalation)
 100000 ppm/1h rat

HYDROCARBONS, C9, AROMATIC

 LD50 (Oral)
 3592 mg/kg rat

 LD50 (Dermal)
 > 3160 mg/kg rabbit

 LC50 (Inhalation)
 > 6193 mg/l/4h rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

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Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause damage to organs

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

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

METHANOL

LC50 - for Fish 10000 mg/l/96h

HYDROCARBONS, C9, AROMATIC

LC50 - for Fish92 mg/l/96h oncorhynchus mykissEC50 - for Crustacea32 mg/l/48h daphnia magnaEC50 - for Algae / Aquatic Plants29 mg/l/72h algae

12.2. Persistence and degradability

METHANOL

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

METHYL ACETATE
Solubility in water 243500 mg/l

Rapidly degradable

12.3. Bioaccumulative potential

METHANOL

Partition coefficient: n-octanol/water -0,77 BCF 0,2

METHYL ACETATE

Partition coefficient: n-octanol/water 0,18

12.4. Mobility in soil

METHYL ACETATE

Partition coefficient: soil/water 0,18

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SECTION 12. Ecological information .../>>

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, IATA: 1993

14.2. UN proper shipping name

ADR / RID: FLAMMABLE LIQUID, N.O.S. IMDG: FLAMMABLE LIQUID, N.O.S. IATA: FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3



14.4. Packing group

ADR / RID, IMDG, IATA: II

14.5. Environmental hazards

ADR / RID: NO IMDG: NO IATA: NO

14.6. Special precautions for user

ADR / RID: HIN - Kemler: 33 Limited Quantities: 1 L Tunnel restriction code: (D/E)

Special Provision: 640D

IMDG:EMS: F-E, S-ELimited Quantities: 1 LIATA:Cargo:Maximum quantity: 60 I

TA: Cargo: Maximum quantity: 60 L Packaging instructions: 364
Pass.: Maximum quantity: 5 L Packaging instructions: 353

Special Instructions: A3

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

Information not relevant

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SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EC: P5c

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

Product Point

3 - 40

Contained substance

Point 69 METHANOL

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

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

15.2. Chemical safety assessment

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

SECTION 16. Other information

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

Flam. Liq. 2 Flammable liquid, category 2
Acute Tox. 3 Acute toxicity, category 3

STOT SE 1 Specific target organ toxicity - single exposure, category 1

Eye Irrit. 2 Eye irritation, category 2

STOT SE 3 Specific target organ toxicity - single exposure, category 3
STOT SE 2 Specific target organ toxicity - single exposure, category 2

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H331 Toxic if inhaled.
H370 Causes damage to organs.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H371 May cause damage to organs.

EUH066 Repeated exposure may cause skin dryness or cracking.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 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%

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SECTION 16. Other information .../>>

- IMDG: International Maritime Code for dangerous goods- IMO: International Maritime Organization
- INDEX NUMBER: 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: EC Regulation 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 STEL: Short-term exposure limit
- TWA: Time-weighted average 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) 790/2009 (I Atp. CLP) of the European Parliament
- 4. Regulation (EU) 2015/830 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) 2018/1480 (XIII Atp. CLP)
- 16. Regulation (EU) 2019/521 (XII 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 users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and 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

The data for evaluation of chemical-physical properties are reported in section 9.

Changes to previous review:

The following sections were modified:

02 / 03.