

Revision nr. 4

Dated 07/05/2020 Printed on 13/05/2020

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Replaced revision:3 (Dated: 05/05/2020)

# SCLEAN - NEUTRAL DETERGENT FOR FURNITURE AND COATED SURFACES

# 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: SCLEAN

Product name NEUTRAL DETERGENT FOR FURNITURE AND COATED SURFACES

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

Intended use Additive for professional/industrial use

1.3. Details of the supplier of the safety data sheet

Name ICA S.p.A. Full address Via S. Pertini, 52

District and Country 62012 Civitanova Marche (MC)

ITALY

Tel. +39 0733 8080 Fax +39 0733 808140

e-mail address of the competent person

responsible for the Safety Data Sheet regulatoryaffairs@icaspa.com

Product distribution by: INDUSTRIA CHIMICA ADRIATICA S.p.A.

1.4. Emergency telephone number

For urgent inquiries refer to Centro antiveleni –

Ospedale di Firenze (24/24 h) Telefono: +39 055 794 7819

## **SECTION 2. Hazards identification**

# 2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).
However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2015/830.
Hazard classification and indication:

#### 2.2. Label elements

Hazard labelling i	pursuant to EC Regulation	1272/2008 (CLP	) and subsequer	nt amendments and	supplements

Hazard pictograms:

Signal words: --



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Hazard statements:

**EUH210** Safety data sheet available on request.

Precautionary statements:

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#### 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)

Isopropanol

CAS 67-63-0 1,5 ≤ x < 2 Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336

EC 200-661-7

INDEX 603-117-00-0

Reg. no. 01-2119457558-25-XXXX **Dipropylene glycol monomethyl** 

ether

CAS 34590-94-8  $1 \le x < 1,5$  Substance with a community workplace exposure limit.

EC 252-104-2 INDEX -

Reg. no. 01-2119450011-60-XXXX

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. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless 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.



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#### 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 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.

### 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.



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

#### 7.1. Precautions for safe handling

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

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

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

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

Information not available

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

#### 8.1. Control parameters

#### Regulatory References:

BGR	България	МИНИСТЕРСТВО НА ТРУДА И СОЦИАЛНАТА ПОЛИТИКА МИНИСТЕРСТВО НА
		ЗДРАВЕОПАЗВАНЕТО НАРЕДБА No 13 от 30 декември 2003 г (4 Септември 2018г)
CZE	Česká Republika	Nařízení vlády č. 246/2018 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se
	•	stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů
DEU	Deutschland	TRGS 900 - Seite 1 von 69 (Fassung 29.03.2019)- Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
DNK	Danmark	Bekendtgørelse om ændring af bekendtgørelse om grænseværdier for stoffer og materialer1- BEK nr 655
		af 31/05/2018
ESP	España	LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST)
FIN	Suomi	HTP-VÄRDEN 2018. Koncentrationer som befunnits skadliga. SOCIAL- OCH
		HÄLSOVÅRDSMINISTERIETS PUBLIKATIONER 10/2018
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR	United Kingdom	EH40/2005 Workplace exposure limits (Third edition,published 2018)
GRC	Ελλάδα	ΕΦΗΜΕΡΙΔΑ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ - ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 152 - 21 Αυγούστου 2018
HRV	Hrvatska	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti
		i biološkim graničnim vrijednostima (NN 91/18)
HUN	Magyarország	A pénzügyminiszter 7/2018. (VIII. 29.) PM rendelete a munkahelyek kémiai biztonságáról szóló 25/2000.
	3,7 - 1 - 3	(IX. 30.) EuM-
		SZCSM együttes rendelet módosításáról
ITA	Italia	DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017
LTU	Lietuva	LIETUVOS HIGÍENOS NORMA HN 23:2011 "CHEMINIŲ MEDŽIAGŲ PROFESINIO POVEIKIO RIBINIAI
		DYDŽIAI. MATAVIMO IR POVEIKIO VERTINIMO BENDRIEJI REIKALAVIMAI. Nr. V-695/A1-272, 2018-
		06-12, paskelbta TAR 2018-06-15, i. k. 2018-09988
NLD	Nederland	Regeling van de Staatssecretaris van Sociale Zaken en Werkgelegenheid van 13 juli 2018, 2018-
		0000118517 tot wijziging van de Arbeidsomstandighedenregeling in verband met de implementatie van
		Richtlijn 2017/164 in Bijlage XIII
NOR	Norge	Fastsatt av Arbeids- og sosialdepartementet 21. august 2018 med hjemmel i lov 17. juni 2005 nr. 62 om
		arbeidsmiljø, arbeidstid, stillingsvern mv. (arbeidsmiljøloven) § 1-3, § 1-4 og § 4-5
POL	Polska	ROZPORŽĄDZENIE MINISTRA RODZINY, PRACY I POLITYKI SPOŁECZNEJ z dnia 12 czerwca 2018 r
PRT	Portugal	Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos
	-	trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no
		trabalho - Diário da República, 1.ª série - N.º 111 - 11 de junho de 2018
ROU	România	HOTĂRÂRE nr. 584 din 2 august 2018 pentru modificarea Hotărârii Guvernului nr. 1.218/2006 privind
		stabilirea cerințelor minime de securitate și sănătate în muncă pentru asigurarea protecției lucrătorilor
		împotriva riscurilor legate de prezența agenților chimici
		· · · · · · · · · · · · · · · · · · ·



SVK

SVN

TUR

ΕU

# ICA S.p.A.

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# **SCLEAN - NEUTRAL DETERGENT FOR FURNITURE AND COATED SURFACES**

Slovensko

Slovenija

Türkiye

OEL EU

Nariadenie vlády č. 33/2018 Z. z. Nariadenie vlády Slovenskej republiky, ktorým sa mení a dopĺňa nariadenie vlády Slovenskej republiky č. 355/2006 Z. z. o ochrane zamestnancov pred rizikami súvisiacimi s expozíciou chemickým faktorom pri práci v znení neskorších predpisov Uradni list Republike Slovenije 04.12.2018 - Uradnem listu RS št. 78 -PRAVILNIK o varovanju delavcev

pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu KİMYASAL MADDELERLE ÇALIŞMALARDA SAĞLIK VE GÜVENLİK ÖNLEMLERİ HAKKINDA

YÖNETMELİK - Resmi Gazete Tarihi: 12.08.2013 Resmi Gazete Sayısı: 28733

Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive

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

TLV-ACGIH **ACGIH 2019** 

MAK   DEU   500   200   1000   400   400   TILV   DNK   490   200   200   1000   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   400   4		
TLV		
AGW DEU 500 200 1000 400  MAK DEU 500 200 1000 400  TLV DNK 490 200  VLA ESP 500 200 1000 400  VLEP FRA 980 400  TLV GRC 980 400 1250 500  GVI/KGVI HRV 999 400 1250 500  AK HUN 500 2000 SKIN  RD LTU 350 150 600 250  TLV NOR 245 100  NDS/NDSCh POL 900 1200 SKIN  TLV ROU 200 81 500 203  NPEL SVK 500 200 1000 400  MV SVN 500 200 983 400  Predicted no-effect concentration - PNEC  Normal value in marine water		
MAK		
TLV		
VLA         ESP         500         200         1000         400           VLEP         FRA         980         400           WEL         GBR         999         400         1250         500           TLV         GRC         980         400         1225         500           GVIKGVI         HRV         999         400         1250         500           AK         HUN         500         2000         SKIN           RD         LTU         350         150         600         250           TGG         NLD         650         TLV         NOR         245         100           NDS/NDSCh         POL         900         1200         SKIN           TLV         ROU         200         81         500         203           NPEL         SVK         500         200         1000         400           MV         SVN         500         200         983         400           Predicted no-effect concentration - PNEC           Normal value in fresh water         140,9         mg/l           Normal value in marine water         140,9         mg/l           Health -		
VILEP		
WEL   GBR   999   400   1250   500		
TLV		
SVIVIKGVI		
AK HUN 500 2000 SKIN  RD LTU 350 150 600 250  TGG NLD 650  TLV NOR 245 100  NDS/NDSCh POL 900 1200 SKIN  TLV ROU 200 81 500 203  NPEL SVK 500 200 1000 400  MV SVN 500 200 2000 800  TLV-ACGIH 492 200 983 400  Predicted no-effect concentration - PNEC  Normal value in fresh water 140,9 mg/l  Normal value in marine water 140,9 mg/l  Health - Derived no-effect level - DNEL / DMEL  Effects on consumers  Route of exposure Acute local Acute systemic Chronic local Chronic systemic systemic		
RD		
TGG NLD 650  TLV NOR 245 100  NDS/NDSCh POL 900 1200 SKIN  TLV ROU 200 81 500 203  NPEL SVK 500 200 1000 400  MV SVN 500 200 2000 800  TLV-ACGIH 492 200 983 400  Predicted no-effect concentration - PNEC  Normal value in fresh water 140,9 mg/l  Health - Derived no-effect level - DNEL / DMEL  Effects on consumers  Route of exposure Acute local Acute systemic Chronic local Chronic systemic systemic		
TLV		
NDS/NDSCh		
TLV		
NPEL   SVK   500   200   1000   400		
MV         SVN         500         200         2000         800           TLV-ACGIH         492         200         983         400           Predicted no-effect concentration - PNEC           Normal value in fresh water         140,9         mg/l           Normal value in marine water         140,9         mg/l           Health - Derived no-effect level - DNEL / DMEL           Effects on consumers         Effects on workers           Route of exposure         Acute local         Systemic		
TLV-ACGIH 492 200 983 400  Predicted no-effect concentration - PNEC  Normal value in fresh water 140,9 mg/l  Normal value in marine water 140,9 mg/l  Health - Derived no-effect level - DNEL / DMEL  Effects on consumers Effects on workers  Route of exposure Acute local Acute systemic Chronic local Systemic Systemic Systemic		
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Normal value in marine water 140,9 mg/l  Health - Derived no-effect level - DNEL / DMEL  Effects on consumers Effects on workers  Route of exposure Acute local Acute systemic Chronic local Chronic systemic Systemic Systemic		
Health - Derived no-effect level - DNEL / DMEL  Effects on consumers  Route of exposure  Acute local Acute systemic Chronic local Systemic Systemic Systemic Systemic Systemic		
Effects on consumers  Route of exposure  Acute local  Acute systemic  Effects on workers  Chronic local  Chronic Acute local  Acute local  Acute Chronic systemic  Systemic		
Route of exposure Acute local Acute systemic Chronic local Chronic Acute local Acute Chronic systemic		
	Chronic local	Chronic systemic
Oral VIND 20 Iligrity		Cysternic
Inhalation VND 89 mg/m3 VN	VND	500 mg/m3

# Dipropylene glycol monomethyl ether

**Threshold Limit Value** 



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Type	Country	TWA/8h		STEL/15min		Remarks Observat		
		mg/m3	ppm	mg/m3	ppm			
TLV	BGR	308	50			SKIN		
TLV	CZE	270	44,55	550	90,75	SKIN		
AGW	DEU	310	50	310	50			
MAK	DEU	310	50	310	50			
TLV	DNK	309	50			SKIN	E	
VLA	ESP	308	50			SKIN		
HTP	FIN	310	50			SKIN		
VLEP	FRA	308	50			SKIN		
WEL	GBR	308	50			SKIN		
TLV	GRC	600	100	900	150			
GVI/KGVI	HRV	308	50			SKIN		
AK	HUN	308						
VLEP	ITA	308	50			SKIN		
RD	LTU	300	50	450	75	SKIN		
TGG	NLD	300						
TLV	NOR	300	50			SKIN		
NDS/NDSCh	POL	240		480		SKIN		
VLE	PRT	308	50			SKIN		
TLV	ROU	308	50			SKIN		
NPEL	SVK	308	50			SKIN		
MV	SVN	308	50			SKIN		
ESD	TUR	308	50			SKIN		
OEL	EU	308	50			SKIN		
TLV-ACGIH		606	100	909	150	SKIN		
Predicted no-effect concentrati	on - PNEC							
Normal value in fresh water				19	mg	ı/I		
Normal value in marine water				1,9	mg	ı/I		
Normal value for fresh water sediment  Normal value for marine water sediment  Normal value for the terrestrial compartment				70,2	mg	ı/kg		
				7,02		ı/kg		
				2,74	mg	ı/kg		
Health - Derived no-effec	t level - DNEL / I Effects on consumers	OMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			VND	3,2 mg/m3		Systemic	VND	310 mg/m
Skin							VND	65 mg/kg

Legend:



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(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.

#### 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, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (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.

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

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

Appearance liquid ight blue Colour characteristic Odour Odour threshold Not available рН Not available Not available Melting point / freezing point Initial boiling point Not available Boiling range Not available > 60 °C Flash point **Evaporation Rate** Not available



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Flammability of solids and gases

Lower inflammability limit

Upper inflammability limit

Not available

Lower explosive limit

Upper explosive limit

Vapour pressure

Vapour density

Not available

Not available

Relative density

Solubility soluble in water

Partition coefficient: n-octanol/water Not available

Auto-ignition temperature Not available

Decomposition temperature Not available

Viscosity Not available

Explosive properties Not available

Oxidising properties Not available

#### 9.2. Other information

Total solids (250°C / 482°F) 0,33 %

VOC (Directive 2010/75/EC) : 3,18 % - 31,82 g/litre
VOC (volatile carbon) : 1,90 % - 18,96 g/litre

# **SECTION 10. Stability and reactivity**

#### 10.1. Reactivity

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

Dipropylene glycol monomethyl ether

Forms peroxides with: air.

# 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.

Dipropylene glycol monomethyl ether

May react violently with: strong oxidising agents.

#### 10.4. Conditions to avoid

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



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Dipropylene glycol monomethyl ether

Avoid exposure to: sources of heat. Possibility of explosion.

### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

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

## **SECTION 11. Toxicological information**

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

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

#### 11.1. Information on 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)

Dipropylene glycol monomethyl ether

LD50 (Oral) > 5000 mg/kg Rat



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LD50 (Dermal) 9510 mg/kg Rabbit

LC50 (Inhalation) > 275 ppm Rat

Isopropanol

LD50 (Oral) 4710 mg/kg Rat

LD50 (Dermal) 12800 mg/kg Rat

LC50 (Inhalation) 72,6 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

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

Does not meet the classification criteria for this hazard class

# 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



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# **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

Dipropylene glycol monomethyl ether

LC50 - for Fish > 1000 mg/l/96h
EC50 - for Crustacea 1919 mg/l/48h
Chronic NOEC for Algae / Aquatic Plants 969 mg/l

Isopropanol

LC50 - for Fish> 100 mg/l/96h FishEC50 - for Crustacea260 mg/l/48h DaphniaEC50 - for Algae / Aquatic Plants> 100 mg/l/72h Algae

#### 12.2. Persistence and degradability

Dipropylene glycol monomethyl ether

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

Isopropanol

Rapidly degradable

## 12.3. Bioaccumulative potential

Dipropylene glycol monomethyl ether

Partition coefficient: n-octanol/water 0,0043

Isopropanol

Partition coefficient: n-octanol/water 0,05

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



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# **SECTION 13. Disposal considerations**

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING

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

# **SECTION 14. Transport information**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Not applicable

Not applicable

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable



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14.6. Special precautions for user

Not applicable

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: None

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

<u>Product</u>

Point

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:

40

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 1: Low hazard to waters



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#### 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

Eye Irrit. 2 Eye irritation, category 2

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

H225 Highly flammable liquid and vapour.H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH210 Safety data sheet available on request.

#### 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%
- 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



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- 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 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 / 09 / 15.