

Regulation (EU) n. 2020/878

Safety Data Sheet date: 17/9/2024, version 10

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

1.1. Product identifier

Trade name: SOCOSOLV WIND MULTI

SDS code: 104254IEU

UFI: 4W9W-XECJ-2P98-0D30

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

Recommended use:

Solvent

Cleaner

Industrial uses

1.3. Details of the supplier of the safety data sheet

Manufacturers:

Socomore SASU - Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France -Tel. +33 (0)2 97 43 76 90

Manufacturing - Parc Gohelis - 56250 ELVEN France - Tel +33 (0)2 97 43 76 83 - Fax +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Distributors:

Socomore SASU - Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France -Tel. +33 (0)2 97 43 76 90

Manufacturing - Parc Gohelis - 56250 ELVEN France - Tel +33 (0)2 97 43 76 83 - Fax +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

Competent person responsible for the safety data sheet:

msdsinformation-eu@socomore.com

1.4. Emergency telephone number

France: ORFILA (INRS) +33 (0)1 45 42 59 59 International: CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture EC regulation criteria 1272/2008 (CLP)



Warning, Flam. Liq. 3, Flammable liquid and vapour.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:





Warning

Hazard statements:

H226 Flammable liquid and vapour.

Precautionary statements:

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

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.

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

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number		Classification
>= 40% - < 50%	2-methoxy-1-methyleth yl acetate	Index number: CAS: EC: REACH No.:	607-195-00-7 108-65-6 203-603-9 01-21194757 91-29	2.6/3 Flam. Liq. 3 H226
>= 15% - < 20%	1-methoxy-2-propanol; monopropylene glycol methyl ether	Index number: CAS: EC: REACH No.:	603-064-00-3 107-98-2 203-539-1 01-21194574 35-35	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H336 Acute Toxicity Estimate: ATE - Oral 3739 mg/kg bw ATE - Dermal 2001 mg/kg bw ATE - Inhalation (Vapours) 30,02 mg/l

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:



In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

No particular treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO2)

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contamined clothing should be changed before entering eating areas.



Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

- OEL Type: ACGIH TWA(8h): 150 ppm STEL: 100 ppm
- OEL Type: National TWA(8h): 275 mg/m3, 50 ppm STEL: 550 mg/m3, 100 ppm Notes: France VLEP
- OEL Type: National TWA(8h): 270 mg/m3, 50 ppm Notes: GERMANY
- OEL Type: National TWA(8h): 274 mg/m3, 50 ppm STEL: 548 mg/m3, 100 ppm Notes: UK (WELs)
- OEL Type: National TWA: 260 mg/m3 STEL: 520 mg/m3 Notes: POLAND
- OEL Type: EU TWA(8h): 275 mg/m3, 50 ppm STEL: 550 mg/m3, 100 ppm -

Notes: Skin

- OEL Type: AIHA
- TWA: 50 ppm
 - OEL Type: MAK TWA: 275 mg/m3, 50 ppm STEL(5 min (Mow)): 550 mg/m3, 100 ppm Notes: Österreich

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

- OEL Type: National TWA(8h): 188 mg/m3, 50 ppm STEL: 375 mg/m3, 100 ppm Behaviour: Binding Notes: France VLEC INRS TMP N°84
- OEL Type: National TWA: 370 mg/m3, 100 ppm Notes: Germany
- OEL Type: National TWA: 180 mg/m3 STEL: 360 mg/m3 Notes: Poland
- OEL Type: EU TWA(8h): 375 mg/m3, 100 ppm STEL: 563 mg/m3, 150 ppm Notes: Skin
- OEL Type: ACGIH TWA(8h): 50 ppm STEL: 100 ppm Notes: A4 Eye and URT
- OEL Type: National TWA: 187 mg/m3, 50 ppm STEL(15min (Miw)): 187 mg/m3, 50 ppm Notes: Austria
- OEL Type: National TWA(8h): 375 mg/m3, 100 ppm STEL(15min (Miw)): 560 mg/m3, 150 ppm Notes: United Kingdom Skin
- OEL Type: National TWA(8h): 188 mg/m3, 50 ppm STEL: 375 mg/m3, 100 ppm Notes: Canada (Gazette Officielle du Québec, January 4, 2023, Vol. 155, No.1)
- OEL Type: National TWA: 180 mg/m3, 50 ppm Notes: Norway (skin)
- OEL Type: DOW IHG TWA: 1.5 ppm STEL: 4.5 ppm

DNEL Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Industry: 153.5 mg/kg b.w./day - Consumer: 54.8 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects



Worker Industry: 275 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 1.67 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,

systemic effects

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Worker Industry: 369 mg/m3 - Consumer: 43.9 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Worker Industry: 50.6 mg/kg b.w./day - Consumer: 18.1 mg/kg b.w./day - Exposure:

Human Dermal - Frequency: Long Term, systemic effects

Consumer: 3.3 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,

systemic effects

Worker Industry: 553.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term

(acute)

PNEC Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Fresh Water - Value: 0.635 mg/l Target: Marine water - Value: 0.0635 mg/l

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Freshwater sediments - Value: 3.29 mg/kg Target: Marine water sediments - Value: 0.329 mg/kg

Target: Soil (agricultural) - Value: 0.29 mg/kg Target: PNEC intermittent - Value: 6.35 mg/l

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Target: Fresh Water - Value: 10 mg/l

Target: Freshwater sediments - Value: 41.6 mg/kg Target: Marine water sediments - Value: 4.17 mg/kg

Target: Soil (agricultural) - Value: 2.47 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Marine water - Value: 1 mg/l

Target: Water (intermittent discharge) - Value: 100 mg/l

Biological Exposure Index

N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Chemical protection clothing.

Protection for hands:

PVA (Polyvinyl alcohol).

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

Use adequate protective respiratory equipment.

Mask with filter "A1", brown colour (NF EN14387)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:



None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid		
Colour:	Colourless		
Odour:	Ether		
Melting point/freezing point:	Not Relevant		
Boiling point or initial boiling point and boiling range:	100°C		2-methoxy-1-methylethyl acetate
Flammability:	Flam. Liq. 3, H226		
Lower and upper explosion limit:	0.6%-13.1% (v)		
Flash point (°C):	49 °C		
Auto-ignition temperature:	276°C		
Decomposition temperature:	Not Relevant		
pH:	Not Relevant		
Kinematic viscosity:	<= 14 mm2/sec (40 °C)		
Solubility in water:	Soluble (10%) / Insoluble (dephase 20%)		
Solubility in oil:	N.A.		
Partition coefficient n-octanol/water (log value):	N.A.		
Vapour pressure:	Not Relevant		
Density and/or relative density:	0.99		
Relative vapour density:	N.A.		

Particle characteristics:

Dortiolo oizo:	INA	
i Particle Size:	INA	

9.2. Other information

Properties	Value	Method:	Notes
Evaporation rate:	0.36		
Viscosity:	<14 mm2/s (20°C)		

Volatile Organic compounds - VOCs = 69.5 % Volatile Organic compounds - VOCs = 693 g/l

N.A. = not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions



10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Protect from temperatures below -10°C.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

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

Toxicological information of the product:

SOCOSOLV WIND MULTI

Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 10.8 mg/l

Test: LC50 - Route: Skin - Species: Rabbit > 5000 mg/kg

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2



Acute toxicity

ATE - Oral 3739 mg/kg bw

ATE - Dermal 2001 mg/kg bw

ATE - Inhalation (Vapours) 30,02 mg/l

Test: LD50 - Route: Oral - Species: Rat (male) = 3739 mg/kg - Source: OECD 401 Test: LD50 - Route: Oral - Species: Rat (female) = 4277 mg/kg - Source: OECD 401

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 5 mg/l - Duration: 4h

Test: LC50 - Route: Inhalation Vapour - Species: Rat (Male, female) = 30.02 mg/l -

Duration: 4h - Source: OECD 403 Test: ATE - Route: Oral = 3739 mg/kg

Test: ATE - Route: Inhalation Vapour = 30.02 mg/l - Duration: 4h

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

Other toxicological information:

None.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. SOCOSOLV WIND MULTI

Not classified for environmental hazards

Based on available data, the classification criteria are not met

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 1000 mg/l Endpoint: LC50 - Species: Fish = 134 mg/l

Endpoint: EC50 - Species: Daphnia = 408 mg/l

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336 - Notes: Oryzias latipes

Endpoint: NOEC - Species: Daphnia > 100 mg/l - Duration h: 504

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Leuciscus idus, LC/EC/IC50

Endpoint: LC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: LC/EC/IC50

Endpoint: LC50 - Species: Algae > 1000 mg/l - Notes: LC/EC/IC50

Endpoint: LC50 - Species: Fish < 4600 mg/l - Duration h: 96 - Notes: Leuciscus idus

12.2. Persistence and degradability

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Biodegradability: Readily biodegradable

12.3. Bioaccumulative potential

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2 Log Pow 0.37

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties



No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force. Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

14 06 03* Other solvents and solvent mixtures

SECTION 14: Transport information



14.1. UN number or ID number

ADR-UN Number: 1993 IATA-UN Number: 1993 IMDG-UN Number: 1993

14.2. UN proper shipping name

ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S. (2-methoxy-1-methylethyl

acetate, 1-methoxy-2-propanol; monopropylene glycol methyl

ether)

IATA-Shipping Name: FLAMMABLE LIQUID, N.O.S. (2-methoxy-1-methylethyl

acetate, 1-methoxy-2-propanol; monopropylene glycol methyl

ether'

IMDG-Shipping Name: FLAMMABLE LIQUID, N.O.S. (2-methoxy-1-methylethyl

acetate, 1-methoxy-2-propanol; monopropylene glycol methyl

ether)

14.3. Transport hazard class(es)

ADR-Class: 3

ADR - Hazard identification number: 30

IATA-Class: 3 IATA-Label: 3 IMDG-Class: 3

14.4. Packing group

ADR-Packing Group: III IATA-Packing group: III IMDG-Packing group: III

14.5. Environmental hazards

ADR-Enviromental Pollutant: No IMDG-Marine pollutant: No IMDG-EmS: F-E , S-E

14.6. Special precautions for user

ADR-Subsidiary hazards:

ADR-S.P.: 274 601

ADR-Transport category (Tunnel restriction code): 3 (D/E)

IATA-Passenger Aircraft: 355 IATA-Subsidiary hazards: -IATA-Cargo Aircraft: 366



IATA-S.P.: А3 3L IATA-ERG: IMDG-Subsidiary hazards:

Category A IMDG-Stowage and handling:

IMDG-Segregation:

Q.L.: 5L Q.E.: E1

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) n. 2021/849 (ATP 17 CLP)

Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 30

Restriction 75

Listed or in compliance with the following international inventories:

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

Labelling of detergents (EC Regulations 648/2004 and 907/2006):



Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

N.A.

Where applicable, refer to the following regulatory provisions:

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive) Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1 Product belongs to category: P5c

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878. Paragraphs modified from the previous revision:

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

(EC) 1272/2008 [CLP] Yönetmeligine göre karisimlarin siniflandirmasini elde etmek için kullanılan siniflandirma ve prosedür:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities



SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1

Insert further consulted bibliography

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The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical

Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of

Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport

Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization"

(ICAO).

IMDG: International Maritime Code for Dangerous Goods.INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods

by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

STOT SE: May cause drowsiness or dizziness



TLV: Threshold Limiting Value. TWA: Time-weighted average

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day.

(ACGIH Standard).

WGK: German Water Hazard Class.