



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

ImmersoTM 518 F

Material: 000000-0360-890
Date of last issue: -

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

1.1 Product identifier

Product name : ImmersoTM 518 F

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

Use of the Sub-
stance/Mixture : Life Sciences, Scientific research and development
Industrial use, Professional use
Immersion oil for fluorescence-microscopy, halogen-free, low
fluorescence

For application information, consult the processing instructions. Processing instructions or technical information sheet available on request.

1.3 Details of the supplier of the safety data sheet

Manufacturer/supplier : Carl Zeiss Jena GmbH
Oberkochen location
Address : Carl-Zeiss-Straße 22
D-73447 Oberkochen
Telephone : +49 7364 20-0

Technical Information : Chemical and material engineering
Telephone : +49 7364 20-4599
Telefax : +49 7364 20-4521

Product Safety : Chemical and material engineering
E-mail address : SDS@zeiss.com

1.4 Emergency telephone number

Emergency CONTACT (24-
Hour-Number) : GBK GmbH Global Regulatory Compliance +49 (0)6132-84463

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H315: Causes skin irritation.

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	H315 Causes skin irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	:	Prevention: P273 Avoid release to the environment. P280 Wear protective gloves. Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Halogen-free immersion oil based on ester oil.

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester	195371-10-9 430-080-6	Skin Irrit. 2; H315	>= 30 - < 50



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0

Immersol™ 518 F

Material: 000000-0360-890

Revision: 09.03.2026

Date of last issue: -

Succinic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester	195371-13-2	Skin Irrit. 2; H315	>= 30 - < 50
benzyl benzoate	120-51-4 204-402-9 607-085-00-9 01-2119976371-33	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 <hr/> M-Factor (Acute aquatic toxicity): 1 <hr/> Acute toxicity estimate Acute oral toxicity: 1 680 mg/kg	>= 10 - < 20

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Remove and wash contaminated clothing before re-use.
- If inhaled : In the case of inhalation of aerosol/mist consult a physician if necessary.
- In case of skin contact : Wash off with soap and plenty of water.
In the case of skin irritation or allergic reactions see a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
If eye irritation persists, consult a specialist.
- If swallowed : Rinse mouth.
Do not give anything to drink or eat.
Do NOT induce vomiting.
Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO₂)
Dry chemical
Foam
Sand
Water spray jet

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : In case of fire formation of carbonoxides and other toxic gases/vapours is possible.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers.
Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation.
Risk of slipping because of leaked / spilled product.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material.
Clean contaminated surface thoroughly.



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

6.4 Reference to other sections

Adequate disposal, For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid contact with skin and eyes.
- Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.
- Hygiene measures : Take off all contaminated clothing immediately. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store at room temperature in the original container. Keep tightly closed.
- Advice on common storage : Keep away from food and drink. Do not mix with other immersion liquids.

7.3 Specific end use(s)

- Specific use(s) : Apart from the uses mentioned in section 1 no other specific uses are intended.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

- Eye/face protection : Avoid contact with eyes.
- Hand protection
- Remarks : Avoid contact with skin. Wear suitable gloves. Request information on glove permeation properties from the glove supplier.
- Skin and body protection : Impervious clothing
- Respiratory protection : Not required; except in case of aerosol formation.
- Protective measures : Avoid contact with skin, eyes and clothing.



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Form	:	liquid
Colour	:	colourless
Odour	:	slight, aromatic
Boiling point/boiling range	:	ca. 320 °C
Flash point	:	249 °C Method: ISO 2592
pH	:	Not applicable
Viscosity		
Viscosity, kinematic	:	445 mm ² /s (20 °C) Method: DIN 51562
Solubility(ies)		
Water solubility	:	insoluble
Vapour pressure	:	< 0,1 hPa (20 °C)
Density	:	1,093 g/cm ³ (20 °C) Method: DIN 51757

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immerso^lTM 518 F

Material: 000000-0360-890
Date of last issue: -

Conditions to avoid : Keep away from heat.
Keep away from direct sunlight.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

In case of fire formation of carbonoxides and other toxic gases/vapours is possible.
Hazardous decomposition products : None known.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2 000 mg/kg
Method: Calculation method

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Acute oral toxicity : LD50 (Rat): > 2 000 mg/kg
Method: Directive 96/54/EG, B.1

Acute dermal toxicity : LD50 (Rabbit): > 2 000 mg/kg
Method: OECD Test Guideline 402

benzyl benzoate:

Acute oral toxicity : LD50 (Rabbit): 1 680 mg/kg
Acute toxicity estimate: 1 680 mg/kg
Method: Calculation method

Acute dermal toxicity : LD50 (Rabbit): 4 000 mg/kg

Skin corrosion/irritation

Causes skin irritation.



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Species : Rabbit
Exposure time : 4 h
Method : Directive 92/69/EWG, B.4
Result : Skin irritation

Succinic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Result : Skin irritation

benzyl benzoate:

Species : Rabbit
Exposure time : 4 h
Method : OECD Test Guideline 404
Result : No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Species : Rabbit
Method : Directive 92/69/EWG, B.5
Result : No eye irritation

benzyl benzoate:

Species : Rabbit
Method : OECD Test Guideline 405
Result : No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Species : Guinea pig
Method : Richtlinie 96/54/EG, B.6
Result : Does not cause skin sensitisation.



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

benzyl benzoate:

Test Type : Local lymph node assay (LLNA)
Species : Mouse
Method : OECD Test Guideline 429
Result : negative

Germ cell mutagenicity

Not classified based on available information.

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Germ cell mutagenicity- Assessment : Cytogenetic test (chromosome aberration), chinese hamster:
No reference to mutagenic effects. (OECD TG 473)

Ames-Test, salmonella typhimurium: No reference to mutagenic effects. (EEC B 14)

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Repeated dose toxicity - Assessment : NOAEL oral, rat: 500 mg/kg (Testing period: 28 d, Subsequent observation period: 48 d, OECD TG 407)

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

ImmersoTM 518 F

Material: 000000-0360-890
Date of last issue: -

levels of 0.1% or higher.

Further information

Product:

Remarks : Health injuries are not known or expected under normal use.
Handle in accordance with good industrial hygiene and safety practice.

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Remarks : Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 5,4 mg/l
Exposure time: 96 h
Method: Directive 92/69/EWG C.1
Remarks: No toxicity at the limit of solubility

LC0 (Cyprinus carpio (Carp)): >= 5,40 mg/l
Exposure time: 96 h
Method: Directive 92/69/EWG C.1
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): > 6,1 mg/l
Exposure time: 48 h
Method: Directive 92/69/EWG C.2
Remarks: No toxicity at the limit of solubility

EC0 (Daphnia (water flea)): >= 6,10 mg/l
Exposure time: 48 h
Method: Directive 92/69/EWG C.2
Remarks: No toxicity at the limit of solubility



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

- NOEC (Daphnia (water flea)): 1,6 mg/l
Exposure time: 504 h
Analytical monitoring: yes
Remarks: No toxicity at the limit of solubility
- Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 3,6 mg/l
Exposure time: 72 h
Method: Directive 92/69/EWG C.3
Remarks: No toxicity at the limit of solubility
- NOEC (Desmodesmus subspicatus (green algae)): >= 3,6 mg/l
Exposure time: 72 h
Method: Directive 92/69/EWG C.3
Remarks: No toxicity at the limit of solubility
- Toxicity to microorganisms : EC10 (activated sludge): > 1 000 mg/l
Exposure time: 3 h
Method: EG L133/118 (5.88)
Remarks: No toxicity at the limit of solubility
- Ecotoxicology Assessment**
- Acute aquatic toxicity : This product has no known ecotoxicological effects.
- Chronic aquatic toxicity : This product has no known ecotoxicological effects.
- benzyl benzoate:**
- Toxicity to fish : LC50 (Danio rerio (zebra fish)): 2,32 mg/l
Exposure time: 96 h
Test Type: semi-static test
Method: Directive 67/548/EEC, Annex V, C.1.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3,09 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
- NOEC (Daphnia magna (Water flea)): 0,26 mg/l
Exposure time: 21 DAY
Test Type: semi-static test
Method: OECD Test Guideline 211
- Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 0,475 mg/l
Exposure time: 72 h
Test Type: static test



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0
Revision: 09.03.2026

Immersol™ 518 F

Material: 000000-0360-890
Date of last issue: -

Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 1

Toxicity to microorganisms : EC50 (activated sludge): > 10 000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209

12.2 Persistence and degradability

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 13 %
Exposure time: 28 days
Method: Modified Sturm Test

benzyl benzoate:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 94 %
Exposure time: 28 days

12.3 Bioaccumulative potential

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Partition coefficient: n-octanol/water : log Pow: 8,9 (25 °C)
Method: Directive 92/69/EWG A.8

benzyl benzoate:

Partition coefficient: n-octanol/water : log Pow: ca. 3,97 (25 °C)

12.4 Mobility in soil

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Distribution among environmental compartments : Medium: Soil
Koc: 50000
Method: OECD Test Guideline 121



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0

ImmersoI™ 518 F

Material: 000000-0360-890

Revision: 09.03.2026

Date of last issue: -

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : Should not be released into the environment.
Adequate disposal

Components:

Adipic acid-di(8-methyl-tricyclo (5.2.1.0.2.6.) decane) ester:

Additional ecological information : Do not flush into surface water or sanitary sewer system.
Adequate disposal

benzyl benzoate:

Additional ecological information : Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.

Contaminated packaging : Dispose of as unused product.
Offer rinsed packaging material to local recycling facilities.



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0

Immerso^lTM 518 F

Material: 000000-0360-890

Revision: 09.03.2026

Date of last issue: -

SECTION 14: Transport information

14.1 UN number or ID number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Chemical Risk Reduction Ordinance (ORRChem, SR 814.81) : Conditions of restriction for the following annexes should be considered:
Annex 1.11 Dangerous liquid substances

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0

Immersol™ 518 F

Material: 000000-0360-890

Revision: 09.03.2026

Date of last issue: -

PIC Ordinance, ChemPICO (814.82)	: Not applicable
Ordinance on Protection against Major Accidents	
Threshold quantity according to Major Accidents Ordinance (MAO 814.012)	: Not applicable
Waters Protection Ordinance (WPO 814.201)	
Water pollution class	: Class B

15.2 Chemical safety assessment

Not required.

SECTION 16: Other information

Full text of H-Statements

H302	: Harmful if swallowed.
H315	: Causes skin irritation.
H400	: Very toxic to aquatic life.
H411	: Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Skin Irrit.	: Skin irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office



SAFETY DATA SHEET
according to Chemicals Ordinance (ChemO 813.11)

Version 1.0

Immersol™ 518 F

Material: 000000-0360-890

Revision: 09.03.2026

Date of last issue: -

of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : complete revision
Sources of key data used to compile the Safety Data Sheet : Reg. 1272/2008, Annex VI
TRGS 900
TRGS 903
International dangerous goods regulations
Supplier details

Classification of the mixture:

Skin Irrit. 2 H315
Aquatic Chronic 3 H412

Classification procedure:

Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

CH / EN