



SANET BR 75 2x5 I

WM 0712922

Order number: 0712922

Version 3.0

Revision Date 06.02.2019

Print Date 31.07.2019

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

1.1 Product identifier

Trade name : SANET BR 75 2x5 I
Identification number : 71588

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

Use of the Substance/Mixture : Cleaning agent
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642414
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone number

+49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

| | |
|---------------------------------|--------------------------------------|
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Skin irritation, Category 2 | H315: Causes skin irritation. |
| Corrosive to metals, Category 1 | H290: May be corrosive to metals. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

| | | |
|-------------------|---|---|
| Hazard pictograms | : |  |
| Signal word | : | Warning |
| Hazard statements | : | H315 Causes skin irritation. |



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| | | |
|--------------------------|--------------------|--|
| Precautionary statements | H319 | Causes serious eye irritation. |
| | H290 | May be corrosive to metals. |
| | P102 | Keep out of reach of children. |
| | Prevention: | |
| | P260 | Do not breathe spray. |
| | P264 | Wash hands thoroughly after handling. |
| | P280 | Wear protective gloves/ eye protection/ face protection. |
| | Response: | |
| | P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | P337 + P313 | If eye irritation persists: Get medical advice/ attention. |
| | Disposal: | |
| | P501 | Dispose of contents/ container to an approved waste disposal plant. |

Safety data sheet available on request.

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.
No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

| Chemical name | CAS-No. EC-No. Registration number | Classification | Concentration (% w/w) |
|-------------------------------|--|---|--------------------------|
| Phosphoric acid | 7664-38-2 231-633-2 01-2119485924-24 | Skin Corr. 1B; H314 Met. Corr. 1; H290 SCL ≥ 25 % 1B; H314 10 - < 25 % 2; H315 10 - < 25 % 2; H319 | ≥ 20 - < 25 |
| Alcohols, C12-15, ethoxylated | 68131-39-5 | Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 3; H412 | ≥ 3 - < 5 |



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| | | | |
|--|---|---|--------------|
| Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts | 68411-30-3 270-115-0 01-2119489428-22 | Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412 | >= 2 - < 2,5 |
|--|---|---|--------------|

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Protect unharmed eye.
If easy to do, remove contact lens, if worn.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : corrosive effects
Irritation
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : For specialist advice physicians should contact the Poisons Information Service.



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

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

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Neutralize with chalk, alkali solution or ammonia.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.



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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container.
- Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Update | Basis |
|---------------------|-----------|-------------------------------|---------------------|------------|------------|
| Phosphoric acid | 7664-38-2 | TWA | 1 mg/m ³ | 2009-12-19 | 2000/39/EC |
| Further information | : | Indicative | | | |
| Phosphoric acid | 7664-38-2 | STEL | 2 mg/m ³ | 2009-12-19 | 2000/39/EC |
| Further information | : | Indicative | | | |

DNEL

- Phosphoric acid**
7664-38-2: : End Use: Workers
Exposure routes: Inhalation



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Potential health effects: Long-term local effects
Value: 1 mg/m³

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 0,36 mg/m³

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Acute local effects
Value: 2 mg/m³

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 10,7 mg/m³

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 4,57 mg/m³

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 0,1 mg/kg

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3: : End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 170 mg/kg

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 12 mg/m³

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 12 mg/m³

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 85 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 3 mg/m³

End Use: Consumers
Exposure routes: Ingestion



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Potential health effects: Long-term systemic effects
Value: 0,85 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 3 mg/m3

End Use: Workers
Exposure routes: Dermal
Potential health effects: Chronic effects
Value: 85 mg/kg

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Chronic effects
Value: 6 mg/m3

End Use: Consumers
Exposure routes: Dermal
Potential health effects: Chronic effects
Value: 42,5 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Chronic effects
Value: 1,5 mg/m3

End Use: Consumers
Exposure routes: Oral
Potential health effects: Chronic effects
Value: 0,425 mg/kg

PNEC

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3:

- : Fresh water
Value: 0,268 mg/l
- Marine water
Value: 0,0268 mg/l
- Fresh water sediment
Value: 8,1 mg/kg
- Marine sediment
Value: 8,1 mg/kg
- Soil
Value: 35 mg/kg
- intermittent release
Value: 0,0167 mg/l

STP



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Value: 3,43 mg/l

8.2 Exposure controls

Personal protective equipment

Eye protection : If splashes are likely to occur, wear:
Tightly fitting safety goggles

Hand protection

Material : For prolonged or repeated contact use protective gloves.
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : Not required; except in case of aerosol formation.
Recommended Filter type:
ABEK-P3-filter

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : blue green

Odour : characteristic

Odour Threshold : No data available

pH : ca. 0,5, at20 °C

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : Not applicable



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| | |
|--|--|
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : No data available |
| Flammability (liquids) | : No data available |
| Burning rate | : No data available |
| Lower explosion limit | : No data available |
| Upper explosion limit | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density | : No data available |
| Relative density | : No data available |
| Density | : ca. 1,150 g/cm ³ at 20 °C |
| Water solubility | : soluble |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Ignition temperature | : No data available |
| Thermal decomposition | : No data available |
| Viscosity, dynamic | : ca. 105 mPa.s at 20 °C |
| Viscosity, kinematic | : No data available |
| acid reserve | : 9,8 g/100g |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions., No decomposition if used as directed.

10.4 Conditions to avoid



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Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.

Other information : No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product

Skin corrosion/irritation : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.
Causes serious eye irritation.

Respiratory or skin sensitisation : No data available

Germ cell mutagenicity : Not Rated

Carcinogenicity : Not Rated

Reproductive toxicity : Not Rated

STOT - single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity : Not Rated

Further information : No data available

Components:

Phosphoric acid

7664-38-2:

Acute oral toxicity : LD50 Oral Rat: 1.530 mg/kg

LD50 Oral Rat: 2.600 mg/kg



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| Acute inhalation toxicity | : LC50 Rat: 0,21 mg/l Exposure time: 4 h |
| | LC50 Rat: 850 mg/l Exposure time: 2 h |
| Acute dermal toxicity | : LD50 Rabbit: 2.740 mg/kg |
| Skin corrosion/irritation | : Species: Rabbit Exposure time: 24 h Result: Corrosive |
| Serious eye damage/eye irritation | : Species: Rabbit Result: Corrosive |
| Repeated dose toxicity | : Rat: NOAEL: 250 mg/kg |
| | Application Route: Oral Method: OECD 422 |

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

68411-30-3:

| | |
|-----------------------------------|---|
| Acute oral toxicity | : LD50 Oral Rat: > 2.000 mg/kg Method: OECD Test Guideline 401 Test substance: see user defined free text Target Organs: Gastrointestinal tract Symptoms: Diarrhoea, Drowsiness, Breathing difficulties |
| | LD50 Rat, male and female: 1.080 mg/kg Method: OECD Test Guideline 401 |
| Acute dermal toxicity | : LD50 Dermal Rat: > 2.000 mg/kg Method: OECD Test Guideline 402 Symptoms: Crusting |
| Skin corrosion/irritation | : Species: Rabbit Result: irritating Method: OECD Test Guideline 404 |
| Serious eye damage/eye irritation | : Species: Rabbit Result: Risk of serious damage to eyes. Method: OECD Test Guideline 405 |
| Respiratory or skin sensitisation | : Test Method: Maximisation Test Species: Guinea pig |



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| | |
|--------------------------|---|
| | Result: Did not cause sensitisation on laboratory animals. Method: OECD Test Guideline 406 |
| Reproductive toxicity | : Species: Rat Application Route: Oral NOAEL: 350 mg/kg, F1: 350 mg/kg, F2: 350 mg/kg, Fertility and developmental toxicity tests did not reveal any effect on reproduction. |
| Teratogenicity | : Species: Rat 300 mg/kg 300 mg/kg Species: Mouse 300 mg/kg 2 mg/kg |
| Repeated dose toxicity | : Rat: NOAEL: 125 mg/kg LOAEL: 250 mg/kg Application Route: Oral Exposure time: 28 d Target Organs: Blood, Liver, Heart Symptoms: Diarrhoea Rat: NOAEL: 40 mg/kg LOAEL: 115 mg/kg Application Route: Oral Exposure time: 180 d Target Organs: Blood, Kidney Symptoms: Diarrhoea Rat: NOAEL: 85 mg/kg LOAEL: 145 mg/kg Application Route: Oral Exposure time: 270 d Target Organs: Blood |
| STOT - repeated exposure | : Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure. |

SECTION 12: Ecological information

12.1 Toxicity

Components:

Phosphoric acid

| 7664-38-2:



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| | |
|---|--|
| Toxicity to fish | : LC0 (Gambusia affinis (Mosquito fish)): 138 mg/l Exposure time: 96 h |
| | LC50 (Lepomis macrochirus (Bluegill sunfish)): 3 - 3,25 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia (water flea)): 100 - 1.000 mg/l Exposure time: 96 h |
| | EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 |
| | |
| Toxicity to algae | : EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 |
| | NOEC (Desmodesmus subspicatus (green algae)): 100 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 |
| | |
| Toxicity to bacteria | : EC50 (activated sludge): 270 mg/l |
| | EC50 (activated sludge): > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209 |

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

68411-30-3:

| | |
|---|---|
| Toxicity to fish | : LC50 (Fish): 1,67 mg/l Exposure time: 96 h Method: OPPTS 850.1500 |
| | NOEC (Pimephales promelas (fathead minnow)): 0,63 mg/l Exposure time: 196 d |
| | NOEC (Oncorhynchus mykiss (rainbow trout)): 0,23 mg/l Exposure time: 72 d |
| Toxicity to daphnia and other aquatic invertebrates | : LC50 (Daphnia (water flea)): 2,4 mg/l Exposure time: 48 h Method: Directive 67/548/EEC, Annex V, C.2. |
| | NOEC (Daphnia (water flea)): > 1,41 mg/l Exposure time: 21 d Method: OECD Test Guideline 211 |
| | EC50 (Daphnia magna (Water flea)): 2,9 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae | : EbC50 (Pseudokirchneriella subcapitata (green algae)): 47,3 mg/l |



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| | |
|--|---|
| | Exposure time: 72 h |
| | (Chlorella vulgaris (Fresh water algae)): 3,1 mg/l |
| | Exposure time: 15 d |
| | Test Type: static test |
| | EC50 (Pseudokirchneriella subcapitata (green algae)): 29 mg/l |
| | Exposure time: 96 h |
| Toxicity to bacteria | : EC50 (Bacteria): 550 mg/l |
| | Exposure time: 3 h |
| | Test Type: Respiration inhibition |
| | Method: OECD Test Guideline 209 |
| Toxicity to fish (Chronic toxicity) | : > 0,1 - 1 mg/l |
| | Exposure time: 28 d |
| | Species: Lepomis macrochirus (Bluegill sunfish) |
| | NOEC: 0,268 mg/l |
| | Exposure time: 96 d |
| | Species: Fish |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: > 1 - 10 mg/l |
| | NOEC: 2,9 mg/l |
| | Exposure time: 32 d |
| Plant toxicity | : NOEC: 100 mg/kg |
| | Species: Sorghum bicolor (sorghum) |
| | Method: OECD 208 |

12.2 Persistence and degradability

Components:

Phosphoric acid

7664-38-2:

Biodegradability : Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

68411-30-3:

Biodegradability : Test Type: aerobic
Result: rapidly biodegradable
Exposure time: 28 d
Kinetic:
: > 60 %
Method: OECD 301 B
Remarks: The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the



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Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Result: Readily biodegradable.
Exposure time: 28 d
Kinetic:

: 85 %
Method: OECD 301 B

Result: Readily biodegradable.
Exposure time: 122 d
Kinetic:

: 70 - 99 %

12.3 Bioaccumulative potential

Components:

Phosphoric acid

7664-38-2:

Partition coefficient: n-octanol/water : log Pow: -0,77

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

68411-30-3:

Bioaccumulation : Species: Pimephales promelas (fathead minnow)
Exposure time: 192 h
Method: see user defined free text
Remarks: Does not significantly accumulate in organisms.

12.4 Mobility in soil

No data available

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..

Components:

Phosphoric acid

7664-38-2:

Assessment : This substance is not considered to be very persistent and very bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT)..

12.6 Other adverse effects

Product:

Additional ecological information : There is no data available for this product.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

| | |
|------------------------|--|
| Product | : Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company. |
| Contaminated packaging | : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. |
| Waste Code | European Waste Catalogue 200129 According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. |

SECTION 14: Transport information

14.1 UN number

| | |
|------|--------|
| ADR | : 1760 |
| IMDG | : 1760 |
| IATA | : 1760 |

14.2 Proper shipping name

| | |
|------|--|
| ADR | : CORROSIVE LIQUID, N.O.S. (phosphoric acid) |
| IMDG | : CORROSIVE LIQUID, N.O.S. (Phosphoric acid) |
| IATA | : Corrosive liquid, n.o.s. Not permitted for transport |

14.3 Transport hazard class

| | |
|------|-----|
| ADR | : 8 |
| IMDG | : 8 |
| IATA | : 8 |

14.4 Packing group

| | |
|------------------------------|------------|
| ADR | |
| Classification Code | : C9 |
| Packaging group | : III |
| Hazard Identification Number | : 80 |
| Labels | : 8 |
| Tunnel restriction code | : (E) |
| IMDG | |
| Packaging group | : III |
| Labels | : 8 |
| EmS Number | : F-A, S-B |
| IATA | |



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(Cargo) : Corrosive liquid, n.o.s. Not permitted for transport
Packaging group : III
Labels : 8

14.5 Environmental hazards

ADR

Environmentally hazardous : no

IMDG

Marine pollutant : no

IATA

Environmentally hazardous : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

TA Luft List (Germany) : Total dust: Not applicable
: Inorganic substances in powdered form: Not applicable
: Inorganic substances in vapour or gaseous form: Not applicable
: Organic Substances: : portionClass 1: < 0,01 %
: Carcinogenic substances: Not applicable
: Mutagenic: Not applicable
: Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Update: Percent volatile: 2,11 %
123,31 g/l
VOC content excluding water



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Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Update: Percent volatile: 2,11 %
24,29 g/l
VOC content valid only for coating materials used on wood surfaces

according to Detergents Regulation EC 648/2004 : <5% Anionic surfactants, Non-ionic surfactants, Perfumes

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

| | |
|------|--|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H412 | Harmful to aquatic life with long lasting effects. |

Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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|---------------------------|------|------------------------|
| Classification procedure: | H319 | On basis of test data. |
| | H315 | Calculation method |
| | H290 | On basis of test data. |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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 Harmonized 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 Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - 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 -



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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 - Organization for Economic Co-operation and Development; OPPTS - Office 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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.

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