CHEMICAL SAFETY DATA SHEET
*according to 1907/2006/EC, Article 31*

**1805900**

Printing date: 20.12.2017 Reviewed on: 20.12.2017

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

- **1.1 Product identifier**

**Trade name:**
HYDROSAN STABIL

- **Article number:**
  413728
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  See the following or attachments.
- **Sector of Use**
  SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
  SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the preparation**
  Disinfectant

- **1.3 Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**
  Manufacturer:
  WIGOL W Stache GmbH
  chemische Fabrik
  Textorstraße 2
  D-67547 Worms Tel.: +49-(0)6241-4141-0
  Fax : +49-(0)6241-414141

- **Informing department:**
  Laboratory Department
  TEL:+49(0)6241 4141 0; FAX:+49(0)6241 4141 41; mail: kontakt@wigol.de
- **1.4 Emergency telephone number**
  TEL: +49 (0) 6131 19240
  Poison Information Center Mainz, Germany
  http://www.giftinfo.uni-mainz.de/

## 02 SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**


GHS05

Met. Corr.1 - H290 May be corrosive to metals.
Skin Corr. 1A - H314 Causes severe skin burns and eye damage.


GHS02

Org. Perox. F - H242 Heating may cause a fire.


GHS07

Acute Tox. 4 - H302 Harmful if swallowed.
Acute Tox. 4 - H332 Harmful if inhaled.
STOT SE 3 - H335 May cause respiratory irritation.


GHS09

Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.

*(continued on page 2)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 1)*

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
  The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**

GHS05 GHS02 GHS07 GHS09

- **Signal word**
  Danger

- **Hazard-determining components of labelling:**
  Hydrogen peroxide / Peroxyacetic Acid / acetic acid
- **Hazard statements**
  H290 May be corrosive to metals.
  H314 Causes severe skin burns and eye damage.
  H242 Heating may cause a fire.
  H302+H332-EUH071 Harmful if swallowed or if inhaled. Corrosive to the respiratory tract.
  H335 May cause respiratory irritation.
  H410 Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**
  P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  P220 Keep/Store away from clothing/combustible materials.
  P261 Avoid breathing mist/vapours/spray.
  P280 Wear protective gloves/protective clothing/eye protection/face protection.
  P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
  P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water shower.
  P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P310 Immediately call a POISON CENTER/doctor.
  P403+P235 Store in a well-ventilated place. Keep cool.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
  According to Annex XIII, XIV of Regulation (EC) No.1907/2006 concerning REACH Not fulfilling PBT (persistent bioaccumulative/toxic) criteria. Not fulfilling vPvB (very persistent/very bioaccummulative) criteria. Self classification
- **PBT:**
  Not applicable.
- **vPvB:**
  Not applicable.

## 03 SECTION 3: Composition/information of ingredients

- **3.2 Mixtures**
- **Description:**
  Solution of substances listed below with non declarable additions.

- **Dangerous components:**

| *CAS Number* | | *%* |
|---|---|---|
| *7722-84-1* | ***Hydrogen peroxide***<br>***EC Number: 231-765-0***<br>***Record number 01-2119485845-22***<br>***Ox. Liq. 1 - H271; Skin Corr. 1A - H314; Acute Tox. 4 - H302, Acute Tox. 4 - H332, STOT SE 3 - H335; Aquatic Chronic 3 - H412*** | ***>15,0-<30,0*** |
| *79-21-0* | ***Peroxyacetic Acid***<br>***EC Number: 201-186-8***<br>***Record number 01-2119531330-56*** | ***>5,0-<15,0*** |

*(continued on page 3)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 2)*

| | | |
|---|---|---|
| | ***Flam. Liq. 3 - H226, Org. Perox. D - H242; Skin Corr. 1A - H314; Acute Tox. 4 - H302, Acute Tox. 4 - H312, Acute Tox. 4 - H332; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410*** | |
| ***64-19-7*** | ***acetic acid*** | ***>5,0-<15,0*** |
| | ***EC Number: 200-580-7*** | |
| | ***Record number 01-2119475328-30*** | |
| | ***Skin Corr. 1A - H314; Flam. Liq. 3 - H226*** | |

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

| | |
|---|---|
| ***oxygen-based bleaching agents*** | ***15 - 30%*** |
| ***phosphonates*** | ***< 5%*** |

## 04 SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information**
Instantly remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Personal protection for the First Aider.

- **After inhalation**
Supply fresh air or oxygen; call for doctor.
In the case of breathing difficulties have the casualty inhale oxygen.

- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.

- **After eye contact**
Rinse opened eye for several minutes under running water. Then consult doctor.
Use eye protection.
Seek medical treatment.

- **After swallowing**
Rinse out mouth.
Drink copious amounts of water and provide fresh air. Instantly call for doctor.
Do not induce vomiting; instantly call for medical help.
During spontaneous vomiting hold the head of the casualtyned onto low with the body in a prone position in order to avoid the penetration of vomit into the air tube.

- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

- **Danger**
No further relevant information available.

- **Treatment**
No further relevant information available.

- **4.3 Indication of any immediate medical attention and special treatment needed**
Typical corrosive acid burns. Symptoms of acute poisoning: Eyes: shooting pain, opacity of the cornea (possibly irreversible) Skin: irritations, chemical burns, possible shock Respiratory tract: tussive irritation, burning sensation to the mucous membranes
Information see: GESTIS-database on hazardous substances www.dguv.de/ifa/gestis/gestis-stoffdatenbank/



*(continued on page 4)*

CHEMICAL SAFETY DATA SHEET
*according to 1907/2006/EC, Article 31*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 3)*

## 05 SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
  $CO_2$, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents**
  Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
  In the case of decomposition release of oxygen - can be fire-promoting
- **5.3 Advice for firefighters**
- **Protective equipment:**
  Keep breathing equipment ready.
  Wear protective equipment. Keep unprotected persons away.
- **Additional information**
  Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 06 SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  Put on breathing apparatus.
  Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions**
  Inform respective authorities in case product reaches water or sewage system.
  If material reaches soil inform authorities responsible for such cases.
  Dilute with much water.
  Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **6.3 Methods and material for containment and cleaning up**
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
  Dispose of the material collected according to regulations.
  Dispose of contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- **6.4 Reference to other sections**
  Other regulations, limitations and prohibitive regulations see chapter 15

## 07 SECTION 7: Handling and storage

- **Handling**
- **7.1 Precautions for safe handling**
  Do not seal containers gas-tight.
  Keep away from heat and direct sunlight.
  Ensure good ventilation/exhaustion at the workplace.
  Do not mix with alkaline products
- **Information about protection against explosions and fires:**
  Keep ignition sources away - Do not smoke.
  Protect against electrostatic charges.
  Release of oxygen promotes burning.
- **Technically and precautionary measures**
  Store cold in the original bundle
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
  Store only in the original container.
  Store in cool location.
  Observe official regulations on storing packagings with dangerous goods
- **Information about storage in one common storage facility:**
  Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

*(continued on page 5)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 4)*

Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed containers.
Protect from heat and direct sunlight.
Protect from frost.
Store in a cool place. Heat will increase pressure and may lead to the container exploding.
- **Storage class**
5.2
Storage classes according TRGS 510
- **7.3 Specific end use(s)**
No further relevant information available.

## 08 SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**
No further data; see item 7.

- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**

***7722-84-1 Hydrogen peroxide***
***MAK***

| | | |
|---|---|---|
| ***Long-term value*** | ***0,71*** | ***mg/m3*** |
| | ***0,5*** | ***ppm*** |

***64-19-7 acetic acid***
***AGW***

| | | |
|---|---|---|
| ***Long-term value*** | ***25*** | ***mg/m3*** |
| | ***10*** | ***ppm*** |

***2(I);DFG, EU, Y***

- **DNELs**

***7722-84-1 Hydrogen peroxide***
DNEL: 3 mg/m3 (Worker,short time/lok,inhalation)
DNEL: 1,4 mg/m3 (Worker,long time/lok,inhalation)
DNEL: 1,93 mg/m3 (Public,short time/lok,inhalat.)
DNEL: 0,21 mg/m3 (Public,long time/lok,inhalation)

***79-21-0 Peroxyacetic Acid***
DNEL: 0,6 mg/m3 (Worker,short time/lok,inhalation)
DNEL: 0,6 mg/m3 (Worker,long time/sys,inhalat.)
DNEL: 0,6 mg/m3 (Worker,long time/lok,inhalation)
DNEL: 0,6 mg/m3 (Worker,short time/sys,inhalation)
DNEL: 0,6 mg/m3 (Public,long time/sys,inhalat.)
DNEL: 0,3 mg/m3 (Public,short time/lok,inhalat.)
DNEL: 0,6 mg/m3 (Public,long time/lok,inhalation)
DNEL: 0,6 mg/m3 (Public,short time/sys,inhalat.)

- **PNECs**

***7722-84-1 Hydrogen peroxide***
PNEC: 0,013 mg/l (Fresh water)
PNEC: 0,013 mg/l (Seawater)
PNEC: 0,014 mg/l (Sporadic release)
PNEC: 4,66 mg/l (Sewage treatment)
PNEC: 0,047 mg/kg (Sediment (fresh water)
PNEC: 0,047 mg/kg (Sediment (Seawater)
PNEC: 0,002 mg/kg (Ground)

***79-21-0 Peroxyacetic Acid***
PNEC: 0,000224 mg/l (Fresh water)
PNEC: 0,051 mg/l (Sewage treatment)
PNEC: 0,00018 mg/kg (Sediment (fresh water)
PNEC: 0,32 mg/kg (Ground)

- **Additional information:**
The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**

*(continued on page 6)*

*(continued of page 5)*

- **Personal protective equipment**
- **General protective and hygienic measures**
  Keep away from foodstuffs, beverages and food.
  Wash hands during breaks and at the end of the work.
  Instantly remove any soiled and impregnated garments.
  Avoid contact with the eyes and skin.
  Other regulations, limitations and prohibitive regulations see chapter 15
- **Breathing equipment: Use breathing protectiony when aerosol or mist is formed (FFP2SL) In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air. Combination filter ABEK Other regulations, limitations and prohibitive regulations see chapter 15**
- **Protection of hands: Preventive skin protection by use of skin-protecting agents is recommended. Acid resistant protection gloves (Butyl india rubber, Viton) - EN 374 Other regulations, limitations and prohibitive regulations see chapter 15**
- **Material of gloves**
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection: Tightly sealed goggles (EN 166) Other regulations, limitations and prohibitive regulations see chapter 15**
- **Body protection: Protective work clothing EN 340 - Protective clothing, general requirements Chemical protective clothing - EN 463 following Other regulations, limitations and prohibitive regulations see chapter 15**

## 09 SECTION 9: Physical and chemical properties

| ***9.1 Information on basic physical and chemical properties*** | |
|---|---|
| ***Appearance*** | |
| ***Appearance:*** | |
| ***Form:*** | Fluid |
| ***Colour:*** | Colourless |
| ***Smell:*** | Pungent |
| ***Odour threshold:*** | Not determined. |
| ***ph-value:*** | at 20 °C 3,0+-0,3 |
| ***CHANGE IN CONDITION range/value unit method*** | |
| ***Melting point/Melting range:*** | Not determined |
| ***Boiling point/Boiling range:*** | > 100 °C |
| ***Flash point:*** | 80 °C |
| ***Inflammability (solid, gaseous)*** | Not applicable. |
| ***Ignition temperature:*** | Not applicable |
| ***Decomposition temperature:*** | Not determined. |
| ***Self-inflammability*** | Not determined. |
| ***Danger of explosion:*** | Not determined. |
| ***Critical values for explosion:*** | |
| ***Lower:*** | Not determined. |
| ***Upper:*** | Not determined. |
| ***Steam pressure:*** | Not determined. |
| ***Density*** | 1,1400 - 1,1600 g/cm3 |
| ***Solubility in / Miscibility with*** | |
| ***Water:*** | Not determined. |
| ***Viscosity:*** | |
| ***dynamic:*** | Not determined. |
| ***kinematic:*** | Not determined. |
| ***Solvent content:*** | |
| ***VOC (EC)*** | 13,9000 % |

*(continued on page 7)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 6)*

| ***9.2 Other information*** | No further relevant information available. |
|---|---|

## 10 SECTION 10: Stability and Reactivity

- **10.1 Reactivity**
  No further relevant information available.
- **10.2 Chemical stability**

- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used and stored according to specifications.
  Loss of oxygen on heating
- **10.3 Possibility of hazardous reactions**
  Decomposition under release of oxygen.
- **10.4 Conditions to avoid**
  No further relevant information available.
- **10.5 Incompatible materials**
  No further relevant information available.

- **Dangerous reactions**
  Violent reactions with strong alkalis and oxidizing agents.
  Reacts with heavy metals.
  Reacts with base metals forming hydrogen.
  Danger of high pressure formation and bursting during the decomposition in closed systems and pipes.
- **10.6 Hazardous decomposition products**
  Oxygen

## 11 SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

***7722-84-1*** ***Hydrogen peroxide***
Oral, LD50: 418 mg/kg (rat) (US EPA Guidelines)
Dermal, LD50: 4060 mg/kg (Rabbit)

***79-21-0*** ***Peroxyacetic Acid***
Oral, LD50: 85 mg/kg
Dermal, LD50: 56,1 mg/kg
Inhalative, LC50 (4h): 1,5 mg/l (rat)

***64-19-7*** ***acetic acid***
Oral, LD50: 3310 mg/kg (rat)
Dermal, LD50: 1130 mg/kg (Rabbit)
Inhalative, LC50 (4h): 40 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:**
  Strong caustic effect on skin and mucous membranes.
- **on the eye:**
  Strong caustic effect.
- **Sensitization:**
  No sensitizing effect known.

- **Other information (about experimental toxicology):**
  Note: If the toxicity data relate to the mixture, the calculation is made in accordance with Annex VI, Part 3 of Regulation (EC) 1272/2008. If toxicity data are listed for individual substances they do not refer to the proportions in the mixture, but only on the materials in their standard concentrations.
- **Additional toxicological information:**
  Harmful
  Corrosive
  Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.



*(continued on page 8)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 7)*

## 12 SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**

***7722-84-1 Hydrogen peroxide***
LC50 (96h): 16,4 mg/l (Pimephales promelas)
EC50 (48h): 2,4 mg/l (Daphnia magna)
NOEC (21d): 0,63 mg/l (Daphnia magna)
ErC50 (72h): 1,38 mg/l (Skeletonema costatum)
NOEC (72h): 0,63 mg/l (Skeletonema costatum)

***64-19-7 acetic acid***
LC50 (96h): 75 mg/l (Lepomis macrochirus)
LC50 (96h): 88 mg/l (Pimephales promelas)
EC50 (24h): 95 mg/l (Daphnia magna)

- **12.2 Persistence and degradability**
No further relevant information available.

- **Behaviour in environmental systems:**
No further relevant information available.

- **12.3 Bioaccumulative potential**
Does not accumulate in organisms
- **12.4 Mobility in soil**
No further relevant information available.

- **Ecotoxical effects:**

- **Behaviour in sewage processing plants:**
If appropriate diluted product reaches the sewage processing plant, there will be no disturbance of the biodegradable activities.

- **Additional ecological information:**

- **CSB-value:**
Not determined.

- **BSB5-value:**
Not determined

- **AOX-indication:**
Product contains no organic bounded halogen

- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Before the waste is drained usually neutralization is necessary.
If product reaches untreated water systems, hazardous effects on fish and other water organism are possible.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:**
Not applicable.
- **vPvB:**
Not applicable.

- **12.6 Other adverse effects**
No further relevant information available.

## 13 SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
The allocation of the waste disposal key number is to be executed by the user according to the European waste disposal catalog (EAK) industry and product specific (origin-referred).
The waste keys are only referring to concentrated products.
- **European waste catalogue**
16

*(continued on page 9)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 8)*

WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 09
oxidising substances
16 09 04
oxidising substances, not otherwise specified

- **Uncleaned packagings:**
- **Recommendation:**
  Disposal must be made according to official regulations.
- **Recommended cleaning agent:**
  Water, if necessary with cleaning agent.

## 14 SECTION 14: Transport information

- **14.1 UN-Number**

| | |
|---|---|
| ***ADR*** | UN3109 |
| ***IMDG*** | UN3109 |
| ***IATA*** | UN3109 |

- **14.2 UN proper shipping name**

| | |
|---|---|
| ***ADR*** | 3109 ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED) |
| ***IMDG*** | ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, HYDROGEN PEROXIDE, STABILIZED) |
| ***IATA*** | ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, HYDROGEN PEROXIDE, STABILIZED) |

- **14.3 Transport hazard class(es)**

***ADR***

***Class*** 5.2 (P1) Organic peroxides.

***Label***


***IMDG***

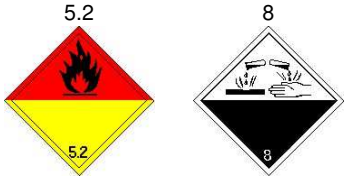
***Class*** 5.2 Organic peroxides.

***Label***


***IATA***

***Class*** 5.2 Organic peroxides.

***Label***




- **14.4 Packing group**

| | |
|---|---|
| ***ADR*** | II |
| ***IMDG*** | II |
| ***IATA*** | II |

- **14.5 Environmental hazards:**

***Marine pollutant:*** Yes

*(continued on page 10)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 9)*

- **14.6 Special precautions for user**
  Warning: Organic peroxides.

| | |
|---|---|
| ***Danger code (Kemler):*** | 539 |
| ***EMS Number:*** | F-J,S-R |
| ***Segregation groups*** | Acids, Peroxides |

- **14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**
  Not applicable.

- **Transport/Additional information:**
  -

| | |
|---|---|
| ***Excepted quantities (EQ):*** | E0 |
| ***Limited quantities (LQ)*** | 0 |
| ***Transport category*** | 2 |
| ***Tunnel restriction code*** | D |
| ***IMDG*** | |
| ***Limited quantities (LQ)*** | 0 |
| ***Excepted quantities (EQ)*** | E0 |

- **UN "Model Regulation":**
  UN 3109 ORGANIC PEROXIDE TYPE F, LIQUID (PEROXYACETIC ACID, HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED), 5.2 (8), II, ENVIRONMENTALLY HAZARDOUS

## 15 SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **REGULATION (EC) No 1907/2006 ANNEX XVII**
  Conditions of restriction: 3

- **National regulations**
  Germany: Technical rules for dangerous materials (TRGS) in particular consider:
  TRGS 500 Protection measures : minimum standards
  TRGS 531 endangerment of the skin by work in the damp environment (damp work)
  TRGS 201 Classification and marking from wastes to the removal while handling
  G 26 Respirators
  Germany: Regard the principles of the professional organizations rules (BGR) in particular consider:
  BGR 190: Use of respirators
  BGR 197: Use of skin protection
- **Classification after plant security regulation (BetrSichV):**
  -

- **Technical instructions (air):**
  No further details

- **Water hazard class:**
  Water hazard class 2 (£) : hazardous for water.Self-assessment

- **Other regulations, limitations and prohibitive regulations**

- **x**
  "Arbeitsmedizinische Vorsorge" (DGUV-V6)
- **15.2 Chemical safety assessment:**
  A Chemical Safety Assessment has not been carried out.

## 16 SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H242 | Heating may cause a fire. |
| H271 | May cause fire or explosion; strong oxidiser. |
| H302 | Harmful if swallowed. |

*(continued on page 11)*

**PRODUCT : HYDROSAN STABIL**

*(continued of page 10)*

| | |
|---|---|
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

- **Training hints**
  Consider annual instruction and training of the coworkers
  Contents and time of the instruction are to be held in a written form and must be confirmed by the instructing people by signature. Cconsider storage time of the proof.
- **Recommended restriction of use**
  No public product - only for commercial applications.

- **Department issuing data specification sheet:**
  Laboratory department.
- **Abbreviations and acronyms:**
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  ICAO: International Civil Aviation Organisation
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VOC: Volatile Organic Compounds (USA, EU)
  DNEL: Derived No-Effect Level (REACH)
  PNEC: Predicted No-Effect Concentration (REACH)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
- *** Data compared to the previous version altered.**
  *