

SECTION 1: Identification

1.1. GHS Product identifier

| | | | | | | |
|--------------|------------------------|---------|---------|---------|---------|---------|
| Product form | : Article | | | | | |
| Product name | : VSH SudoPress Carbon | | | | | |
| 6560015 | 6560213 | 6561973 | 6561280 | 6561445 | 6562116 | 6563018 |
| 6560026 | 6560224 | 6561984 | 6561291 | 6561456 | 6562094 | 6563029 |
| 6560037 | 6560235 | 6561995 | 6561302 | 6561467 | 6562701 | 6563031 |
| 6560059 | 6560246 | 6562006 | 6561313 | 6561478 | 6562710 | 6563040 |
| 6560061 | 6560257 | 6561161 | 6561324 | 6561489 | 6562721 | 6563051 |
| 6560070 | 6560268 | 6561170 | 6561335 | 6561491 | 6562699 | 6563062 |
| 6560081 | 6560279 | 6561192 | 6561346 | 6561500 | 6562743 | 6563073 |
| 6560103 | 6560281 | 6561203 | 6561357 | 6561511 | 6562754 | 6563084 |
| 6560114 | 6560290 | 6561214 | 6561379 | 6561522 | 6562765 | 6563095 |
| 6560125 | 6560576 | 6561225 | 6561381 | 6561533 | 6562732 | 6563106 |
| 6560136 | 6560598 | 6561236 | 6561390 | 6561544 | 6562811 | 6563117 |
| 6560171 | 6560609 | 6561247 | 6561401 | 6561555 | 6562820 | 6563128 |
| 6560180 | 6561940 | 6561258 | 6561412 | 6561566 | 6562831 | |
| 6560191 | 6561951 | 6561269 | 6561423 | 6561577 | 6562809 | |
| 6560202 | 6561962 | 6561271 | 6561434 | 6562105 | 6563007 | |

1.2. Other means of identification

Other means of identification : SCIP Number: fc8a7776-129f-4bcf-803a-cdca5d6c21c6

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Professional use
Recommended use : Product for connecting steel pipes

1.4. Supplier's details

Aalberts integrated piping systems BV
Oude Amersfoortseweg 99
1212AA Hilversum - The Netherlands
T +31 35 688 4211
quality@aalberts-ips.com - www.aalberts-ips.eu

1.5. Emergency phone number

| Country | Official advisory body | Address | Emergency number | Remark |
|-------------|--|---|--------------------|---|
| Netherlands | Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-)artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet | Huispostnummer B.00.118 Postbus 85500 3508 GA Utrecht | +31 (0)88 755 8000 | Only for the purpose of informing medical personnel in cases of acute intoxications |

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

| | |
|---|------|
| Carcinogenicity, Category 2 | H351 |
| Reproductive toxicity, Category 1A | H360 |
| Reproductive toxicity, Additional category, Effects on or via lactation | H362 |
| Hazardous to the aquatic environment — Acute Hazard, Category 3 | H402 |

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects : Steel products are not considered as hazardous. However, individual customer processes such as welding, sawing, brazing, grinding, abrasive blasting, and machining may result in the formation of fumes, dust (combustible or otherwise), and/or particulate that may present the described hazards.

2.2. GHS Label elements, including precautionary statements

No labelling obligation.

2.3. Other hazards which do not result in classification

No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Steel 1.0737 or Steel 1.0718 or Steel 52-3 or Steel S235JR or Steel S235J2

| Name | Product identifier | % | Classification according to the United Nations GHS |
|-----------|--------------------|----------|--|
| Manganese | CAS-No.: 7439-96-5 | 0,25 – 2 | Aquatic Acute 2, H401 |
| Lead | CAS-No.: 7439-92-1 | 0,1 – 1 | Carc. 2, H351 Repr. 1A, H360 Lact., H362 STOT RE 1, H372 Aquatic Acute 1, H400 |

Full text of H-phrases: see section 16

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Not specifically applicable to the product (as is).
First-aid measures after skin contact : Not applicable.
First-aid measures after eye contact : Not applicable.
First-aid measures after ingestion : Ingestion is not considered a potential route of exposure. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

No additional information available.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Specific hazards arising from the chemical

Fire hazard : Not expected to be a fire/explosion hazard under normal conditions of use.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Do not breathe dust/fume/gas/mist/vapours/spray. Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/while nursing. Wear personal protective equipment.
Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Manganese (7439-96-5) | |
|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Manganese |
| IOEL TWA | 0,2 mg/m ³ (inhalable fraction) |

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

| Manganese (7439-96-5) | |
|--|--|
| Notes | (Year of adoption 2011) |
| Regulatory reference | SCOEL Recommendations |
| Lead (7439-92-1) | |
| EU - Binding Occupational Exposure Limit (BOEL) | |
| Local name | Inorganic lead and its compounds |
| BOEL TWA | 0,15 mg/m ³ |
| Regulatory reference | COUNCIL DIRECTIVE 98/24/EC |
| EU - Biological Limit Value (BLV) | |
| Local name | Lead and its inorganic compounds |
| BLV | 30 µg/100ml Parameter: Pb |
| Regulatory reference | SCOEL List of recommended health-based BLVs and BGVs |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : None under normal use
Eye protection : Safety glasses
Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use
Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Personal protective equipment symbol(s)



8.4. Exposure limit values for the other components

No additional information available.

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Solid
Appearance : metal
Colour : Not available
Odour : Not available
Odour threshold : Not available
Melting point : Not available
Freezing point : Not applicable
Boiling point : Not available
Flammability (solid, gas) : Non flammable.
Explosive limits : Not applicable
Lower explosive limit (LEL) : Not applicable
Upper explosive limit (UEL) : Not applicable
Flash point : Not applicable
Auto-ignition temperature : Not applicable
Decomposition temperature : Not available
pH : Not available

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

| | |
|---|------------------|
| pH solution | : Not available |
| Viscosity, kinematic (calculated value) (40 °C) | : Not applicable |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50 °C | : Not available |
| Density | : Not available |
| Relative density | : Not available |
| Relative vapour density at 20 °C | : Not applicable |
| Solubility | : Not available |
| Particle size | : Not available |
| Particle size distribution | : Not available |
| Particle shape | : Not available |
| Particle aspect ratio | : Not available |
| Particle specific surface area | : Not available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Manganese (7439-96-5)

| | |
|---------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
|---------------|--------------|

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Suspected of causing cancer. |
| Reproductive toxicity | : May damage fertility or the unborn child. May cause harm to breast-fed children. |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

| Lead (7439-92-1) | |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | : Not classified |
| VSH SudoPress Carbon | |
| Viscosity, kinematic | Not applicable |

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Harmful to aquatic life.
Classification procedure (Hazardous to the aquatic environment, short-term (acute)) : Calculation method
Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Manganese (7439-96-5) | |
|-----------------------|--|
| LC50 - Fish [1] | > 3,6 mg/l (OECD 203; Oncorhynchus mykiss) |
| EC50 - Crustacea [1] | > 1,6 mg/l (OECD 202; Daphnia magna) |
| EC50 72h - Algae [1] | 4,5 mg/l (OECD 201; Desmodesmus subspicatus) |
| NOEC chronic algae | 2,5 mg/l (OECD 201; Desmodesmus subspicatus) |

| Lead (7439-92-1) | |
|----------------------|---|
| LC50 - Fish [1] | 0,44 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static]) |
| LC50 - Fish [2] | 1,17 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| EC50 - Crustacea [1] | 600 µg/l (Exposure time: 48 h - Species: water flea) |

12.2. Persistence and degradability

| VSH SudoPress Carbon | |
|-------------------------------|--------------------------------------|
| Persistence and degradability | No additional information available. |

12.3. Bioaccumulative potential

| VSH SudoPress Carbon | |
|---------------------------|--------------------------------------|
| Bioaccumulative potential | No additional information available. |

12.4. Mobility in soil

| VSH SudoPress Carbon | |
|----------------------|--------------------------------------|
| Mobility in soil | No additional information available. |

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

SECTION 14: Transport information

In accordance with UN RTDG / IMDG / IATA

| UN RTDG | IMDG | IATA |
|---|---|------------------------------------|
| 14.1. UN number | | |
| Not regulated for transport | | |
| 14.2. UN Proper Shipping Name | | |
| Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | |
| Not applicable | Not applicable | Not applicable |
| Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | |
| Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No |
| No supplementary information available. | | |

14.6. Special precautions for user

UN RTDG

No data available.

IMDG

No data available.

IATA

No data available.

14.7. Transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available.

SECTION 16: Other information

Issue date : 24/06/2021

VSH SudoPress Carbon

Safety Data Sheet

according to the United Nations GHS (Rev. 7, 2017)

Other information

: REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

| Full text of H-statements: | |
|----------------------------|--|
| H228 | Flammable solid |
| H261 | In contact with water releases flammable gases |
| H280 | Contains gas under pressure; may explode if heated |
| H303 | May be harmful if swallowed |
| H315 | Causes skin irritation |
| H351 | Suspected of causing cancer |
| H360 | May damage fertility or the unborn child |
| H362 | May cause harm to breast-fed children |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H412 | Harmful to aquatic life with long lasting effects |

Safety Data Sheet applicable for regions

: NL - Netherlands

This Safety Data Sheet is compiled by: ChemPros B.V. | +31(0)797676006 | info@chemprosbv.nl