

SECTION 1: Identification

1.1. GHS Product identifier

Product form	: Article					
Product name	: VSH XPress Carbon					
6202361	6202295	6202878	6201987	6207234	6241323	6206607
6202372	6202306	6206706	6201998	6207245	6208906	6206618
6202383	6202317	6207102	6202009	6200931	6208917	6340323
6202394	6202328	6207113	6202011	6200942	6208928	6206629
6202405	6202339	6207124	6202020	6200953	6208939	6206631
6202416	6202341	6207181	6202031	6200964	6208941	6206640
6206695	6202350	6207795	6202042	6200986	6208950	6340774
6207806	6206717	6209601	6202053	6201063	6208961	6340785
6209830	6206728	6209610	6202427	6201074	6340521	6340796
6340202	6209852	6209621	6202438	6207025	6340532	6341181
6340917	6341247	6209841	6202449	6209577	6340554	6207080
6340928	6341038	6341500	6202451	6209588	6340565	6341984
6340939	6341049	6341511	6202460	6209599	6340576	6341995
6341192	6341051	6341522	6202471	6241301	6340587	6341786
6341203	6202812	6202064	6209874	6241345	6340598	6341797
6208169	6202823	6202075	6207036	6241356	6204781	6341830
6208171	6202834	6202086	6207190	6241367	6204792	6341808
6202262	6202845	6202097	6207201	6241268	6340422	6341819
6202273	6202856	6202108	6207212	6241279	6340400	6341821
6202284	6202867	6201976	6207223	6241312	6206596	6342479

1.2. Other means of identification

Other means of identification : SCIP Number: 233056dc-cd46-44db-9410-a4845109c0f6

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

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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

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

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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.

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.

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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)
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.

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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
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.

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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

Lead (7439-92-1)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

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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 XPress Carbon	
Persistence and degradability	No additional information available.

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12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available.
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12.4. Mobility in soil

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Mobility in soil	No additional information available.
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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.

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.

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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

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