

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 1 / 13

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

1.1 Product identifier

HENSOTHERM® V 22

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

1.2.1 Relevant uses

Dilution

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Rudolf Hensel GmbH
Lauenburger Landstr. 11
21039 Börnsen / GERMANY
Phone +49 (0)40-72 10 62 10
Fax +49 (0)40-72 10 62 52
Homepage www.rudolf-hensel.de
E-mail info@rudolf-hensel.de

Address enquiries to

Technical information info@rudolf-hensel.de

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Company +49 (0)40-72 10 62 10 (7:00 - 17:00) 0172 4115390 (17:00 - 07:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 3: H226 Flammable liquid and vapour.
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.
Acute Tox. 4: H312+H332 Harmful in contact with skin or if inhaled.
STOT SE 3: H335 May cause respiratory irritation.
Eye Dam. 1: H318 Causes serious eye damage.
Skin Irrit. 2: H315 Causes skin irritation.
STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.
STOT SE 3: H336 May cause drowsiness or dizziness.

Rudolf Hensel GmbH
 21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 2 / 13

2.2 Label elements

Hazard pictograms



Signal word

DANGER

Contains:

Reaction mass of ethylbenzene and xylene
 2-Methylpropan-1-ol

Hazard statements

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H312+H332 Harmful in contact with skin or if inhaled.
 H335 May cause respiratory irritation.
 H318 Causes serious eye damage.
 H315 Causes skin irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260 Do not breathe vapours / spray.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves / protective clothing / eye protection / face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.
 P331 Do NOT induce vomiting.
 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.
 P501 Dispose of contents/container in accordance with local/national regulation.

2.3 Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

Product-type:

3.2 The product is a mixture.

Range [%]	Substance
70 - 90	Reaction mass of ethylbenzene and xylene EINECS/ELINCS: 905-588-0, Reg-No.: 01-2119488216-32-XXXX, 01-2119486136-34-XXXX GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H312 H332 - Asp. Tox. 1: H304 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - STOT SE 3: H335 - STOT RE 2: H373
15 - < 25	2-Methylpropan-1-ol CAS: 78-83-1, EINECS/ELINCS: 201-148-0, EU-INDEX: 603-108-00-1, Reg-No.: 01-2119484609-23-XXXX GHS/CLP: Flam. Liq. 3: H226 - STOT SE 3: H335 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - STOT SE 3: H336

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
 For full text of H-statements: see SECTION 16.

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 3 / 13

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
Inhalation	Remove the victim into fresh air and keep him calm. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
Ingestion	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Drowsiness
Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in the event of vomiting, risk of product entering the lungs.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Foam. Dry powder. Water spray jet. Carbon dioxide.
Extinguishing media that must not be used	Full water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:
Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use breathing apparatus if exposed to vapours/dust/aerosol.
Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand).
Dispose of absorbed material in accordance with the regulations.

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 4 / 13

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide suitable vacuuming at the processing machines.
Provide good room ventilation even at ground level (vapours are heavier than air).
Use solvent-resistant equipment.
Provide solvent-resistant and impermeable floor.

Keep away from all sources of ignition - Refrain from smoking.
Vapours can form an explosive mixture with air.
Take precautionary measures against static discharges.
Apparates and equipments must be conform in accordance to standard of storage and handling of flammable products.
Ignitable mixtures can be formed in the empty container.

Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Cloths contaminated with product should not be kept in trouser pockets.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Provide floor with bunding.

Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.

Keep container tightly closed.
Keep container in a well-ventilated place.
Protect from heat/overheating.
Keep in a cool place.

7.3 Specific end use(s)

See product use, SECTION 1.2



Rudolf Hensel GmbH
 21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 5 / 13

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
2-Methylpropan-1-ol
CAS: 78-83-1, EINECS/ELINCS: 201-148-0, EU-INDEX: 603-108-00-1, Reg-No.: 01-2119484609-23-XXXX
Long-term exposure: 50 ppm, 154 mg/m ³
Short-term exposure (15-minute): 75 ppm, 231 mg/m ³
Xylene, mixture of isomers
CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9, Reg-No.: 01-2119488216-32-XXXX
Long-term exposure: 50 ppm, 220 mg/m ³ , Sk, BMGV
Short-term exposure (15-minute): 100 ppm, 441 mg/m ³
Ethylbenzene
CAS: 100-41-4, EINECS/ELINCS: 202-849-4, EU-INDEX: 601-023-00-4, Reg-No.: 01-2119489370-35-XXXX
Long-term exposure: 100 ppm, 441 mg/m ³ , Sk
Short-term exposure (15-minute): 125 ppm, 552 mg/m ³

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Xylene, mixture of isomers
CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9, Reg-No.: 01-2119488216-32-XXXX
Eight hours: 50 ppm, 221 mg/m ³ , H
Short-term (15-minute): 100 ppm, 442 mg/m ³
Ethylbenzene
CAS: 100-41-4, EINECS/ELINCS: 202-849-4, EU-INDEX: 601-023-00-4, Reg-No.: 01-2119489370-35-XXXX
Eight hours: 100 ppm, 442 mg/m ³ , H
Short-term (15-minute): 200 ppm, 884 mg/m ³

DNEL

Substance
Reaction mass of ethylbenzene and xylene
Industrial, inhalative (vapor), Long-term - systemic effects: 221 mg/m ³ .
Industrial, inhalative (vapor), Acute - systemic effects: 442 mg/m ³ .
Industrial, inhalative (vapor), Long-term - local effects: 221 mg/m ³ .
Industrial, inhalative (vapor), Acute - local effects: 442 mg/m ³ .
Industrial, dermal, Long-term - systemic effects: 212 mg/kg bw/day.
general population, inhalative (vapor), Long-term - systemic effects: 65,3 mg/m ³ .
general population, inhalative (vapor), Acute - systemic effects: 260 mg/m ³ .
general population, inhalative (vapor), Long-term - local effects: 65,3 mg/m ³ .
general population, inhalative (vapor), Acute - local effects: 260 mg/m ³ .
general population, dermal, Acute - local effects: 125 mg/kg bw/day.
general population, oral, Long-term - systemic effects: 12,5 mg/kg bw/day.
2-Methylpropan-1-ol, CAS: 78-83-1
Industrial, inhalative (vapor), Long-term - local effects: 310 mg/m ³ .
general population, inhalative (vapor), Long-term - local effects: 55 mg/m ³ .

PNEC

Substance
Reaction mass of ethylbenzene and xylene

Rudolf Hensel GmbH
 21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 6 / 13

soil, 2,31 mg/kg soil dw.
sediment (seawater), 12,46 mg/kg sediment dw.
sediment (freshwater), 12,46 mg/kg sediment dw.
sewage treatment plants (STP), 6,58 mg/L.
seawater, 0,327 mg/L.
freshwater, 0,327 mg/L.
2-Methylpropan-1-ol, CAS: 78-83-1
soil, 0,076 mg/kg.
sediment (seawater), 0,156 mg/kg.
sediment (freshwater), 1,56 mg/kg.
sewage treatment plants (STP), 10 mg/L.
seawater, 0,04 mg/L.
freshwater, 0,4 mg/L.

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	For short-term contact: 0,4mm Butyl rubber, >480 min (EN 374-1/-2/-3). 0,4mm Nitrile rubber, >480 min (EN 374-1/-2/-3). In full contact: 0,4mm Viton, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Solvent-resistant protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 7 / 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	liquid
Color	colourless
Odor	characteristic
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	> 100
Flash point [°C]	25
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	ca. 1 Vol.%
Upper explosion limit	ca. 11 Vol.%
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/ml]	0,81 - 0,91
Bulk density [kg/m ³]	not applicable
Solubility in water	partially miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	< 7mm ² /s (40°C)
Relative vapour density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Autoignition temperature [°C]	> 400
Decomposition temperature [°C]	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4 Conditions to avoid

See SECTION 7
Strong heating.

10.5 Incompatible materials

Strong oxidizing agent.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

Rudolf Hensel GmbH
 21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 8 / 13

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product
ATE-mix, inhalation (vapour), > 10 mg/l - < 20 mg/l 4h.
ATE-mix, dermal, > 1000 mg/kg - < 2000 mg/kg.
ATE-mix, oral, > 2000 mg/kg.
Substance
Reaction mass of ethylbenzene and xylene
LD50, dermal, Rabbit: 12126 mg/kg.
LD50, oral, Rat: 3523 - 4000 mg/kg.
LC50, inhalation (vapour), Rat: 6350 - 6700 ppm 4h.
2-Methylpropan-1-ol, CAS: 78-83-1
LD50, dermal, Rabbit: 2460 mg/kg (OECD 402).
LD50, oral, Rat: 2460 mg/kg.
LC50, inhalative, Rat: 24,6 mg/l (4 h).

Serious eye damage/irritation	Risk of serious damage to eyes. Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Calculation method
Skin corrosion/irritation	Irritant Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Calculation method
Respiratory or skin sensitisation	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Specific target organ toxicity — single exposure	Vapours may cause drowsiness and dizziness. May cause respiratory irritation. Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Calculation method
Specific target organ toxicity — repeated exposure	May cause damage to organs through prolonged or repeated exposure. Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Calculation method
Mutagenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Reproduction toxicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Carcinogenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Aspiration hazard	May be fatal if swallowed and enters airways. Based on available data, the classification criteria are met.
General remarks	none

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 9 / 13

SECTION 12: Ecological information

12.1 Toxicity

Substance
Reaction mass of ethylbenzene and xylene
LC50, (24h), Daphnia magna: 1 mg/l OECD 202.
LC50, (96h), Oncorhynchus mykiss: 2,6 mg/l OECD 203.
EC50, (72h), Selenastrum capricornutum: 2,2 mg/l OECD 201.
2-Methylpropan-1-ol, CAS: 78-83-1
LC50, (96h), Pimephales promelas: 1430 mg/l.
EC50, (48h), Desmodesmus subspicatus: 1250 mg/l.
EC50, (48h), Daphnia magna: 1030 mg/l.
EC10, (16h), Pseudomonas putida: 750 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Disposal in an incineration plant in accordance with the regulations of the local authorities.
Dispose of as hazardous waste.

Waste no. (recommended) 070704*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Uncontaminated packaging may be reused.

Waste no. (recommended) 150110*

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 10 / 13

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID 1993

Inland navigation (ADN) 1993

Marine transport in accordance with IMDG 1993

Air transport in accordance with IATA 1993

14.2 UN proper shipping name

Transport by land according to ADR/RID Flammable liquid, n.o.s. (Xylenes, Iso-butanol)

- Classification Code F1


- Label 

- ADR LQ 5 l

- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 3 (D/E)

Inland navigation (ADN) Flammable liquid, n.o.s. (Xylenes, Iso-butanol)

- Classification Code F1

- Label 


Marine transport in accordance with IMDG Flammable liquid, n.o.s. (Xylenes, Iso-butanol)

- EMS F-E, S-E

- Label 

- IMDG LQ 5 l

Air transport in accordance with IATA Flammable liquid, n.o.s. (Xylenes, Iso-butanol mixture)

- Label 

14.3 Transport hazard class(es)

Transport by land according to ADR/RID 3

Inland navigation (ADN) 3

Marine transport in accordance with IMDG 3

Air transport in accordance with IATA 3

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 11 / 13

14.4 Packing group

Transport by land according to ADR/RID III

Inland navigation (ADN) III

Marine transport in accordance with IMDG III

Air transport in accordance with IATA III

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- **Observe employment restrictions for people** Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.

- **VOC (2010/75/CE)** 100%

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 03)

H336 May cause drowsiness or dizziness.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure through inhalation.
H335 May cause respiratory irritation.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
H312+H332 Harmful in contact with skin or if inhaled.
H226 Flammable liquid and vapour.

Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 12 / 13

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Flam. Liq. 3: H226 Flammable liquid and vapour. (On basis of test data)
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (On basis of test data)
Acute Tox. 4: H312+H332 Harmful in contact with skin or if inhaled. (Calculation method)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure. (Calculation method)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)

Modified position

SECTION 2 been added: Reaction mass of ethylbenzene and xylene
SECTION 7 been added: Take off contaminated clothing and wash before reuse.
SECTION 7 been added: Ignitable mixtures can be formed in the empty container.
SECTION 8 been added: Viton, >480 min (EN 374-1/-2/-3).
SECTION 8 been added: In full contact:
SECTION 8 been added: Nitrile rubber, >480 min (EN 374-1/-2/-3).
SECTION 8 been added: For short-term contact:
SECTION 8 been added: In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
SECTION 8 deleted: Respiratory protection mask in the event of high concentrations.
SECTION 12 been added: Spillages may penetrate the soil causing ground water contamination.



Rudolf Hensel GmbH
21039 Börnsen

Date printed 23.04.2020, Revision 23.04.2020

Version 04. Supersedes version: 03

Page 13 / 13



Copyright: Chemiebüro®

