

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

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

#### 1.1 Product identifier

Trade name : D506-AE3 hebro®sol TURBO

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

Use of the Sub-  
stance/Mixture : Cleaner for professional application in industry and trade

#### 1.3 Details of the supplier of the safety data sheet

Company : hebro chemie- ZN der Rockwood Specialties Group  
GmbH  
Rostocker Str. 40  
41199 Mönchengladbach

Contact person : Wolfgang Schaffers  
Telephone : +49 (0) 2166 6009-0  
Telefax : +49 (0) 2166 6009-99

Contact person product safety : Abteilung Produktsicherheit  
Telephone : +49(0)2166 6009-176  
E-mail address : wolfgang.schaffers@chemetall.com

#### 1.4 Emergency telephone number

: Giftinformationszentrum Erfurt:  
+49 (0) 361 730 730

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

##### Classification (67/548/EEC, 1999/45/EC)

Extremely flammable	R12: Extremely flammable. R66: Repeated exposure may cause skin dryness
---------------------	--

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

Dangerous for the environment

or cracking.

R67: Vapours may cause drowsiness and dizziness.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

:



Signal word

: Danger

Hazard statements

: H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

H412

Harmful to aquatic life with long lasting effects.

: EUH066

Repeated exposure may cause skin dryness or cracking.

Precautionary statements

: P102

Keep out of reach of children.

#### Prevention:

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211

Do not spray on an open flame or other ignition source.

P251

Do not pierce or burn, even after use.

P271

Use only outdoors or in a well-ventilated area.

P273

Avoid release to the environment.

#### 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.

P312

Call a POISON CENTER or doctor/ physician if you feel unwell.

#### Storage:

P410 + P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

### Disposal:

P501

Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

- Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

### Labelling according to EC Directives (1999/45/EC)

Hazard pictograms

:



Extremely flammable

R-phrases

:

R12  
R52/53

Extremely flammable.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Repeated exposure may cause skin dryness or cracking.  
Vapours may cause drowsiness and dizziness.

R66

R67

S-phrases

:

S23  
S33  
  
S36  
S43  
  
S60

Do not breathe spray.  
Take precautionary measures against static discharges.  
Wear suitable protective clothing.  
In case of fire, use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
This material and its container must be disposed of as hazardous waste.

Special labelling of certain mixtures

:

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.  
Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition - No smoking.  
Keep out of the reach of children.

Detergents Regulation EC 907/2006

:

Aliphatic hydrocarbons 30 % and more

### 2.3 Other hazards

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

The information required is contained in this Material Safety Data Sheet.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical nature : Mixtures of aliphatic hydrocarbons, alcohols and ether

##### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	265-151-9 01-2119473851-33	F; R11  Xn; R65  R66  R67  N; R51/53  Nota H, Nota P	Flam. Liq. 2; H225  STOT SE 3; H336  Asp. Tox. 1; H304  Aquatic Chronic 2; H411	>= 20 - < 25
Propan-2-ol	67-63-0 200-661-7 01-2119457558-25	F; R11  Xi; R36  R67	Flam. Liq. 2; H225  Eye Irrit. 2; H319  STOT SE 3; H336	>= 10 - < 15

##### Substances with a workplace exposure limit :

Dimethoxymethane	109-87-5 203-714-2	F; R11	Flam. Liq. 2; H225	>= 25 - < 50
Butane	106-97-8 203-448-7 01-2119474691-32	F+; R12  Nota C	Flam. Gas 1; H220  Press. Gas	>= 10 - < 25

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

			Liquefied gas; H280	
Carbon dioxide	124-38-9 204-696-9		Press. Gas H281	$\geq 2.5 - < 10$
Propane	74-98-6 200-827-9 01-2119486944-21	F+; R12	Flam. Gas 1; H220  Press. Gas Liquefied gas; H280	$\geq 2.5 - < 10$
Isobutane	75-28-5 200-857-2 01-2119485395-27	F+; R12  Nota C	Flam. Gas 1; H220  Press. Gas Compr. Gas; H280	$\geq 2.5 - < 10$

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the Notas mentioned in this Section, see Section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Call a physician if symptoms occur.
- If inhaled : Provide fresh air.  
Keep patient warm and at rest.  
If symptoms persist, call a physician.
- In case of skin contact : Take off immediately all contaminated clothing.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Do NOT use solvents or thinners.
- In case of eye contact : Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.  
If eye irritation persists, consult a specialist.
- If swallowed : Call a physician immediately.  
Keep at rest.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Risks : No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Combustion may cause:  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Use water spray to cool unopened containers.  
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 : Provide sufficient air exchange and/or exhaust in work rooms.  
Remove all sources of ignition.  
Do not breathe vapour.  
Refer to protective measures listed in sections 7 and 8.

### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Inform the relevant authorities if it enters sewers, aquatic environment or soil.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See chapter 8 and 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist.  
When using do not eat, drink or smoke.  
For personal protection see section 8.  
Take precautionary measures against static discharges.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition - No smoking. Keep away from children.

Advice on protection against fire and explosion : Vapours are heavier than air and may spread along floors.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Electrical installations / working materials must comply with the technological safety standards.  
Follow the water regulations.

Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place.  
Keep away from sources of ignition - No smoking.  
Keep away from heat.

Advice on common storage : Incompatible with oxidizing agents.

### 7.3 Specific end use(s)

Specific use(s) : Cleaner for professional application in industry and trade

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

**D506-AE3 hebro®sol TURBO**

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Components	CAS-No.	Value	Control parameters	Update	Basis
Dimethoxymethane	109-87-5	TWA	1,000 ppm 3,160 mg/m3	2005-04-06	GB EH40
	109-87-5	STEL	1,250 ppm 3,950 mg/m3	2005-04-06	GB EH40
Butane	106-97-8	TWA	600 ppm 1,450 mg/m3	2007-08-01	GB EH40
Further information	: Carc: Capable of causing cancer and/or heritable genetic damage. The identified substances include those which: - are assigned the risk phrases 'R45: May cause cancer'; 'R46: may cause heritable genetic damage'; 'R49: May cause cancer by inhalation' or - a substance or process listed in Schedule 1 of COSHH. Carcinogenic only applies if butane contains more than 0.1% of buta-1,3-diene				
	106-97-8	STEL	750 ppm 1,810 mg/m3	2007-08-01	GB EH40
Further information	: Carc: Capable of causing cancer and/or heritable genetic damage. The identified substances include those which: - are assigned the risk phrases 'R45: May cause cancer'; 'R46: may cause heritable genetic damage'; 'R49: May cause cancer by inhalation' or - a substance or process listed in Schedule 1 of COSHH. Carcinogenic only applies if butane contains more than 0.1% of buta-1,3-diene				
Propan-2-ol	67-63-0	TWA	400 ppm 999 mg/m3	2006-09-01	GB EH40
	67-63-0	STEL	500 ppm 1,250 mg/m3	2006-09-01	GB EH40
Carbon dioxide	124-38-9	TWA	5,000 ppm 9,000 mg/m3	2009-12-19	2006/15/EC
Further information	: Indicative				
	124-38-9	TWA	5,000 ppm	2005-04-06	GB EH40



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

			9,150 mg/m3		
	124-38-9	STEL	15,000 ppm 27,400 mg/m3	2005-04-06	GB EH40

### DNEL/DMEL

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

: End Use: Workers DNEL  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 2035 mg/m3

End Use: Workers DNEL  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 773 mg/kg bw/day

Propan-2-ol

: End Use: Workers DNEL  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 500 mg/m3

End Use: Workers DNEL  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 888 mg/kg bw/day

Dimethoxymethane

: End Use: Workers DNEL  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 132 mg/m3

### PNEC

Propan-2-ol

: Fresh water  
Value: 140.9 mg/l

Marine water  
Value: 140.9 mg/l

Sewage treatment plant  
Value: 2251 mg/l

Sediment  
Value: 552 mg/kg dry weight (d.w.)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

Soil  
Value: 28 mg/kg dry weight (d.w.)

### 8.2 Exposure controls

#### Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

#### Personal protective equipment

- Respiratory protection : Do not breathe gas/fumes/vapour/spray.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hand protection : Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.
- Eye protection : Safety glasses with side-shields
- Skin and body protection : protective suit
- Protective measures : Handle in accordance with good industrial hygiene and safety practice.  
Follow the skin protection plan.

#### Environmental exposure controls

- General advice : Do not flush into surface water or sanitary sewer system.  
Inform the relevant authorities if it enters sewers, aquatic environment or soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance : aerosol
- Colour : colourless
- Odour : characteristic
- Flash point : -60 °C
- Ignition temperature : 510 °C
- Lower explosion limit : 1.4 %(V)
- Upper explosion limit : 32.0 %(V)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

pH : Not applicable

Vapour pressure : 3,800 hPa

Density : 0.715 g/cm<sup>3</sup>  
at 20 °C  
Method: DIN 51757

Water solubility : insoluble

### 9.2 Other information

Explosivity : In use, may form flammable/explosive vapour-air mixture.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : No decomposition if used as directed.

### 10.5 Incompatible materials

Materials to avoid : Oxidizing agents

### 10.6 Hazardous decomposition products

Risk of decomposition. : In case of fire hazardous decomposition products may be produced such as:  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Nitrogen oxides (NO<sub>x</sub>)  
Smoke

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

###### Acute oral toxicity

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LD50: > 5,000 mg/kg  
Species: Rat

Propan-2-ol : LD50: 5,840 mg/kg  
Species: Rat  
Method: OECD Test Guideline 401

Carbon dioxide : No data available

###### Acute inhalation toxicity

Propan-2-ol : LC50: 30 mg/l  
Exposure time: 4 h  
Species: Rat

###### Acute dermal toxicity

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LD50: > 2,000 mg/kg  
Species: Rat

Propan-2-ol : LD50: 13,900 mg/kg  
Species: Rabbit  
Method: OECD Test Guideline 402

##### Skin corrosion/irritation

Skin irritation : Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.  
May cause eye and skin irritation.

##### Serious eye damage/eye irritation

Eye irritation : The liquid splashed in the eyes may cause irritation and reversible damage.

##### Respiratory or skin sensitisation

Sensitisation : This information is not available.

##### Carcinogenicity

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

Remarks : Not classifiable as a human carcinogen.

Further information : Health injuries are not known or expected under normal use.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Toxicity to fish : No data available

Toxicity to fish  
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LL50: > 1 - 10 mg/l  
Species: Fish

Propan-2-ol : LC50: 8,970 mg/l  
Exposure time: 48 h  
Species: Leuciscus idus (Golden orfe)  
  
LC50: 9,640 mg/l  
Exposure time: 96 h  
Species: Pimephales promelas (Fathead minnow)

Carbon dioxide : No data available

Toxicity to daphnia and other aquatic invertebrates  
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LL50: > 1 - 10 mg/l  
Species: Daphnia (water flea)

NOEC: > 0.1 - 1 mg/l  
Species: Daphnia (water flea)

Propan-2-ol : LC50: 9,714 mg/l  
Exposure time: 24 h  
Species: Daphnia magna (Water flea)

Toxicity to algae  
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics : LL50: > 10 - 100 mg/l  
Species: Algae

Propan-2-ol : EC50: > 100 mg/l  
Exposure time: 72 h  
Species: Scenedesmus subspicatus

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

Toxicity to bacteria  
Propan-2-ol : IC50: > 100 mg/l  
Species: Bacteria

### 12.2 Persistence and degradability

Biodegradability : No data available

### 12.3 Bioaccumulative potential

Bioaccumulation : No data available

### 12.4 Mobility in soil

Mobility : No data available

### 12.5 Results of PBT and vPvB 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.

### 12.6 Other adverse effects

Additional ecological information : Do not flush into surface water or sanitary sewer system.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.  
Do not let product enter drains.  
Do not dispose of with domestic refuse.

Packaging : The hazard and precautionary statements displayed on the label also apply to any residues left in the container.  
Do not dispose of with domestic refuse.

Contaminated packaging : Dispose of in accordance with local regulations.

Waste Code : 160504 gases in pressure containers (including halons) containing dangerous substances

## SECTION 14: Transport information

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

### ADR

UN number : 1950  
UN proper shipping name : AEROSOLS  
Transport hazard class(es) : 2  
Classification Code : 5F  
Limited Quantity (LQ) Inner : 1.00 L  
Packaging  
Maximum quantity : 30.00 KG  
Labels : 2.1  
Tunnel restriction code : (D)  
Environmentally hazardous : no

### IATA

UN number : 1950  
Description of the goods : Aerosols, flammable  
Class : 2.1  
Labels : 2.1

### IATA\_C

Packing instruction (cargo aircraft) : 203  
Packing instruction (LQ) : Y203  
Maximum quantity : 150.00 KG  
Environmentally hazardous : no

### IATA\_P

Packing instruction (passenger aircraft) : 203  
Packing instruction (LQ) : Y203  
Maximum quantity : 75.00 KG  
Environmentally hazardous : no

### IMDG

UN number : 1950  
Description of the goods : AEROSOLS  
Class : 2.1  
Labels : 2.1  
EmS Number 1 : F-D  
EmS Number 2 : S-U  
Marine pollutant : no

Shaded from sources of heat.

"IMDG-Code segregation group not applicable".

Shaded from sources of heat.

"IMDG-Code segregation group not applicable".

### RID

UN number : 1950  
Description of the goods : AEROSOLS  
Transport hazard class(es) : 2

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

Classification Code : 5F  
Hazard Identification Number : 23  
Labels : 2.1  
Limited Quantity (LQ) Inner : 1.00 L  
Packaging  
Maximum quantity : 30.00 KG  
Environmentally hazardous : no

### SECTION 15: Regulatory information

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

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws.  
Regional or national implementations of GHS may not implement all hazard classes and categories.

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

### SECTION 16: Other information

#### Full text of R-phrases referred to under sections 2 and 3

R11 Highly flammable.  
R12 Extremely flammable.  
R36 Irritating to eyes.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

#### Full text of H-Statements referred to under sections 2 and 3.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

hebrochemie



Impulse für Mensch und Umwelt

## D506-AE3 hebro®sol TURBO

Version: 2.0

Revision Date 18.02.2015

Print Date 19.02.2015

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H281	Contains refrigerated gas; may cause cryogenic burns or injury.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### Full text of Notas referred to under section 3

Nota C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In Annex I, a general designation of the following type is sometimes used: "xyleneol". In this case the manufacturer or any other person who markets such a substance must state on the label whether the substance is a specific isomer (a) or a mixture of isomers (b). Example: (a) 2,4-dimethylphenol (b) xyleneol (mixture of isomers).
Nota H	The classification and label shown for this substance applies to the dangerous property(ies) indicated by the risk phrase(s) in combination with the category(ies) of danger shown. The manufacturers, importers and downstream users of this substance shall be obliged to carry out an investigation to make themselves aware of the relevant and accessible data which exists for all other properties to classify and label the substance. The final label shall follow the requirements of section 7 of Annex VI of the Directive 67 / 548 / EEC
Nota P	The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7). When the substance is classified as a carcinogen or mutagen, Note E shall also apply. When the substance is not classified as a carcinogen or mutagen at least the S-phrases (2-)23-24-62 shall apply. This note applies only to certain complex oil-derived substances in Annex I.

### Further information

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.