

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

Version number: GHS 2.0
Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

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

1.1 Product identifier

Trade name TECWERK ROSTLÖSER - 400 ml
Unique formula identifier (UFI) QF00-Q071-800P-4GNU

Article number 2000 354 010

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

Relevant identified uses General use
Rust remover

1.3 Details of the supplier of the safety data sheet

NORDWEST Handel AG
Robert-Schuman-Str. 17
44263 Dortmund
Germany

Telephone: +49 231 2222-3001
e-mail: info@nordwest.com
Website: www.nordwest-tecwerk.com

e-mail (competent person) sdb@nordwest.com

1.4 Emergency telephone number

Poison centre			
Country	Name	Postal code/city	Telephone
Austria	Vergiftungsinformationszentrale (VIZ)		+43 (0)1 406 43 43
Germany	Gemeinsamen Giftinformationszentrum (GGIZ) der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen c/o HELIOS Klinikum Erfurt	99089 Erfurt	+49-361-730730
Luxembourg	Poison Centre Luxemburg		(+352) 8002 5500
Switzerland	Tox Info Suisse		+145, 24h oder +41 44 251 51 51

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.3	aerosols	1	Aerosol 1	H222,H229
3.2	skin corrosion/irritation	2	Skin Irrit. 2	H315
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	3	STOT SE 3	H336
3.10	aspiration hazard	1	Asp. Tox. 1	H304
4.1C	hazardous to the aquatic environment - chronic hazard	2	Aquatic Chronic 2	H411

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word danger

Pictograms

GHS02, GHS07, GHS09



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
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.
P280 Wear protective gloves.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous ingredients for labelling

Kerosine (petroleum), hydrodesulfurized, Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane, cyclohexane

2.3 Other hazards

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Identifier	Name of substance	Wt%	Classification acc. to GHS	Pictograms	Notes	Specific Conc. Limits
CAS No 106-97-8 EC No 203-448-7 Index No 601-004-00-0 REACH Reg. No 01- 2119474691- 32-xxxx	butane	25 – < 50	Flam. Gas 1A / H220 Press. Gas C / H280	 	C GHS-HC U(b)	
CAS No 74-98-6 EC No 200-827-9 Index No 601-003-00-5 REACH Reg. No 01- 2119486944- 21	propane	10 – < 25	Flam. Gas 1A / H220 Press. Gas L / H280	 	GHS-HC U(c)	
CAS No 64742-81-0 EC No 265-184-9 Index No 649-423-00-8 REACH Reg. No 01- 2119462828- 25-xxxx	Kerosine (petroleum), hydrodesulfurized	10 – < 25	Flam. Liq. 3 / H226 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411	   		

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Revision: 2026-04-21

Replaces version of: 2025-01-13 (GHS 1)

Identifier	Name of substance	Wt%	Classification acc. to GHS	Pictograms	Notes	Specific Conc. Limits
EC No 921-024-6 REACH Reg. No 01- 2119475514- 35-xxxx	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyc- lics, <5% n-hexane	10 – < 25	Flam. Liq. 2 / H225 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411	   		
CAS No 75-28-5 EC No 200-857-2 Index No 601-004-00-0 REACH Reg. No 01- 2119485395- 27	isobutane	1 – < 5	Flam. Gas 1A / H220 Press. Gas C / H280	 	C GHS-HC U(b)	
CAS No 110-82-7 EC No 203-806-2 Index No 601-017-00-1 REACH Reg. No 01- 2119463273- 41-xxxx	cyclohexane	1 – < 5	Flam. Liq. 2 / H225 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410	   	GHS-HC IOELV	
CAS No 110-54-3 EC No 203-777-6 Index No 601-037-00-0 REACH Reg. No 01- 2119480412- 44-xxxx	n-hexane	< 1	Flam. Liq. 2 / H225 Skin Irrit. 2 / H315 Repr. 2 / H361f STOT SE 3 / H336 STOT RE 1 / H372 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411	   	GHS-HC IOELV	

Notes

C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

GHS-HC: Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

IOELV: Substance with a community indicative occupational exposure limit value

U(b): The allocation to the group 'compressed gas' is based on the physical state in which the gas is packaged

U(c): The allocation to the group 'liquefied gas' is based on the physical state in which the gas is packaged

Remarks

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Flammability hazards

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

Packaging compatibilities

Keep only in original container.

Storage class (LGK) TRGS 510

LGK 2 B (aerosol dispensers or lighters)

7.3 Specific end use(s)

See section 16 for a general overview.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [ppm]	Ceiling-C [mg/m³]	Notation	Source
DE	hydrocarbon mixture (RCP method)		AGW		550		1,100				TRGS 900
DE	butane	106-97-8	AGW	1,000	2,400	4,000	9,600				TRGS 900
DE	hexane (n-hexane)	110-54-3	MAK	50	180	400	1,440				DFG
DE	n-hexane	110-54-3	AGW	50	180	400	1,440			Y	TRGS 900
DE	cyclohexane	110-82-7	AGW	200	700	800	2,800				TRGS 900
DE	cyclohexane	110-82-7	MAK	200	700	800	2,800				DFG
DE	propane	74-98-6	AGW	1,000	1,800	4,000	7,200				TRGS 900
DE	isobutane	75-28-5	AGW	1,000	2,400	4,000	9,600				TRGS 900
EU	n-hexane	110-54-3	IOEL V	20	72						2006/15/EC
EU	cyclohexane	110-82-7	IOEL V	200	700						2006/15/EC

Notation

Ceiling-C ceiling value is a limit value above which exposure should not occur

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Y a risk of developmental toxicity does not need to be expected if the occupational exposure limit value and the biological limit value (BGW) are adhered to

Biological limit values						
Country	Name of agent	Parameter	Notation	Identifier	Value	Source
DE	hexane (n-hexane)	2,5-hexanedione, 4,5-dihydroxy-2-hexanone	hydr	BLV	5 mg/l	TRGS 903
DE	n-hexane	2,5-hexanedione, 4,5-dihydroxy-2-hexanone	hydr	BAT	5 mg/l	DFG
DE	cyclohexane	1,2-cyclohexanediol	hydr, crea	BLV	150 mg/g	TRGS 903
DE	cyclohexane	1,2-cyclohexanediol	hydr, crea, crea-limit3	BAT	150 mg/g	DFG

Notation

crea creatinine

crea-limit3 Exclusion criteria for representative usability of the spontaneous urine sample are creatinine concentrations of < 0.3 g/l or > 3.0 g/l).

hydr hydrolysis

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

Relevant DNELs of components						
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		DNEL	2,035 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		DNEL	773 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
cyclohexane	110-82-7	DNEL	700 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
cyclohexane	110-82-7	DNEL	700 mg/m ³	human, inhalatory	worker (industry)	acute - systemic effects
cyclohexane	110-82-7	DNEL	700 mg/m ³	human, inhalatory	worker (industry)	chronic - local effects
cyclohexane	110-82-7	DNEL	700 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
cyclohexane	110-82-7	DNEL	2,016 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
n-hexane	110-54-3	DNEL	75 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
n-hexane	110-54-3	DNEL	11 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
cyclohexane	110-82-7	PNEC	0.207 mg/l	aquatic organisms	freshwater	short-term (single instance)
cyclohexane	110-82-7	PNEC	0.207 mg/l	aquatic organisms	marine water	short-term (single instance)
cyclohexane	110-82-7	PNEC	3.24 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
cyclohexane	110-82-7	PNEC	3.627 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
cyclohexane	110-82-7	PNEC	3.627 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
cyclohexane	110-82-7	PNEC	2.99 mg/kg	terrestrial organisms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)



Personal protective equipment shall be used when the risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

Eye/face protection

Use protective eyewear to guard against splash of liquids.

Skin protection

Hand protection

Wear protective gloves. (Splash protection)

Type of material

NR: natural rubber, latex, FKM: fluoro-elastomer

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Revision: 2026-04-21

Replaces version of: 2025-01-13 (GHS 1)

Breakthrough times of the glove material

>480 minutes (permeation: level 6)

Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Full face mask/half mask/quarter mask (EN 136/140).

Type: AX-P2 (gas filters and combined filters against low-boiling point organic compounds and particles, colour code: Brown/White).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	aerosol (spray aerosol)
Colour	black
Odour	characteristic
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	-161.5 °C at 1,013 hPa
Flammability	flammable aerosol in accordance with GHS criteria
Lower and upper explosion limit	3 vol% - 15 vol%
Flash point	-88.6 °C at 1,013 hPa
Auto-ignition temperature	>200 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not relevant
Solubility(ies)	not determined
Partition coefficient	
Partition coefficient n-octanol/water (log value)	this information is not available
Vapour pressure	3,000 hPa at 20 °C
Density and/or relative density	
Density	0.6329 - 0.6404 g/ml (calculated value)
Relative vapour density	information on this property is not available

9.2 Other information

Information with regard to physical hazard classes there is no additional information

Other safety characteristics

Temperature class (EU, acc. to ATEX) T3 (maximum permissible surface temperature on the equipment: 200°C)

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not spray on an open flame or other ignition source. Keep away from heat.

Hints to prevent fire or explosion

Protect from sunlight.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful in contact with skin.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Acc. to 1272/2008/EC: Toxic to aquatic life with long lasting effects.

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV): WGK 2, obviously hazardous to water (Germany)

Aquatic toxicity (chronic) of components					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Kerosine (petroleum), hydrodesulfurized	64742-81-0	LL50	17 mg/l	fish	24 h
Kerosine (petroleum), hydrodesulfurized	64742-81-0	EL50	4.6 mg/l	aquatic invertebrates	24 h
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		EL50	1.6 mg/l	daphnia magna	21 d
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		EC50	0.23 mg/l	daphnia magna	21 d

12.2 Persistence and degradability

Degradability of components						
Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		oxygen depletion	10.5 %	15 d		ECHA Chem
n-hexane	110-54-3	oxygen depletion	83 %	10 d		ECHA Chem

12.3 Bioaccumulative potential

Data are not available.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

Bioaccumulative potential of components				
Name of substance	CAS No	BCF	Log KOW	BOD5/COD
butane	106-97-8		1.09 (pH value: 7, 20 °C)	
propane	74-98-6		1.09 (pH value: 7, 20 °C)	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		≥26.26 – ≤315.7	2.96 – 3.78 (20 °C)	
isobutane	75-28-5		1.09 (pH value: 7, 20 °C)	
cyclohexane	110-82-7	167	3.44 (pH value: 7, 25 °C)	
n-hexane	110-54-3	≥26.26 – ≤316	5.8 (20 °C)	

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagegins

It is a dangerous waste; only packagegins which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Relevant provisions relating to waste

List of wastes, (Recommendations)

Product

07 07 04* Other organic solvents, washing liquids and mother liquors

Product residues

16 05 04* Gases in pressure containers (including halons) containing hazardous substances

07 07 04* Other organic solvents, washing liquids and mother liquors

Packagegins

15 01 04 Metallic packaging

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN UN 1950

IMDG-Code UN 1950

ICAO-TI UN 1950

14.2 UN proper shipping name

ADR/RID/ADN AEROSOLS

IMDG-Code AEROSOLS

ICAO-TI Aerosols, flammable

14.3 Transport hazard class(es)

ADR/RID/ADN 2

IMDG-Code 2.1

ICAO-TI 2.1

14.4 Packing group

not assigned

14.5 Environmental hazards

hazardous to the aquatic environment

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Revision: 2026-04-21

Replaces version of: 2025-01-13 (GHS 1)

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information

Classification code 5F

Danger label(s) 2.1



Environmental hazards yes (hazardous to the aquatic environment)

Special provisions (SP) 190, 327, 344, 625

Excepted quantities (EQ) E0

Limited quantities (LQ) 1 L

Transport category (TC) 2

Tunnel restriction code (TRC) D

International Maritime Dangerous Goods Code (IMDG) Additional information

Marine pollutant yes (hazardous to the aquatic environment)

Danger label(s) 2.1



Special provisions (SP) 63, 190, 277, 327, 344, 381, 959

Excepted quantities (EQ) E0

Limited quantities (LQ) 1 L

EmS F-D, S-U

Stowage category -

International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

Environmental hazards yes (hazardous to the aquatic environment)

Danger label(s) 2.1



Special provisions (SP) A145, A167

Excepted quantities (EQ) E0

Limited quantities (LQ) 30 kg

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

Substance of Very High Concern (SVHC)			
Name acc. to inventory	CAS No	Listed in	Remarks
n-hexane	110-54-3	Candidate list	STOT-re A57(f)-HH

Legend

Candidate list Substances meeting the criteria referred to in Article 57 and for eventual inclusion in Annex XIV

STOT-re Specific target organ toxicity - repeated exposure (article 57(f) - human health)

A57(f)-HH

Industrial Emissions Directive (IED)

VOC content	97.23 %
--------------------	---------

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Replaces version of: 2025-01-13 (GHS 1)

Revision: 2026-04-21

Water Framework Directive (WFD)

List of pollutants (WFD)			
Name of substance	CAS No	Listed in	Remarks
n-hexane		a)	

Legend

a) Indicative list of the main pollutants

Regulation on the marketing and use of explosives precursors

none of the ingredients are listed

Regulation 648/2004/EC on detergents

Labelling of contents	
Constituents	Weight % content (or range)
aliphatic hydrocarbons	30 % and more

Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

Restrictions of occupation

Directive 94/33/EC on the protection of young people at work / Observe national regulations on protection of young people at work.

National regulations (Germany)

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV)

Wassergefährdungsklasse, WGK (water hazard class) 2 obviously hazardous to water

Technical instructions on air quality control (Germany)

Number	Group of substances	Class	Conc.	Mass flow	Mass concentration	Notation
5.2.5	organic substances		≥ 25 wt%	0.5 kg/h	50 mg/m ³	3)

Notation

3) a total mass flow of 0.50 kg/h or a total mass concentration of 50 mg/m³, each of which to be indicated as total carbon, shall not be exceeded (except organic particulate matter)

National inventories

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed

Legend

REACH Reg. REACH registered substances

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.3	Details of the supplier of the safety data sheet: NORDWEST Handel AG Robert-Schuman-Str. 17 44263 Dortmund Germany Telephone: +49 231 2222-3001 Telefax: +49 231 2222-3099 Website: www.nordwest.com	Details of the supplier of the safety data sheet: NORDWEST Handel AG Robert-Schuman-Str. 17 44263 Dortmund Germany Telephone: +49 231 2222-3001 e-mail: info@nordwest.com Website: www.nordwest-tecwerk.com	yes
2.2		Precautionary statements:	yes

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Revision: 2026-04-21

Replaces version of: 2025-01-13 (GHS 1)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
		change in the listing (table)	
2.2	Child-resistant fastening: yes		yes
2.2	Tactile warning of danger: yes		yes
2.2	Hazardous ingredients for labelling: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane, Kerosine (petroleum), hydrodesulfurized	Hazardous ingredients for labelling: Kerosine (petroleum), hydrodesulfurized, Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane, cyclohexane	yes
3.2		Description of the mixture: change in the listing (table)	yes
5.2	Special hazards arising from the substance or mixture	Special hazards arising from the substance or mixture: In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture.	yes
7.1	Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Use only in well-ventilated areas.	Measures to prevent fire as well as aerosol and dust generation: Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.1		Biological limit values: change in the listing (table)	yes
8.1		Relevant DNELs of components: change in the listing (table)	yes
8.1		Relevant PNECs of components: change in the listing (table)	yes
9.1	Lower and upper explosion limit: 0.6 vol% - 15 vol%	Lower and upper explosion limit: 3 vol% - 15 vol%	yes
9.1	Auto-ignition temperature: 220 °C (auto-ignition temperature (liquids and gases))	Auto-ignition temperature: >200 °C (auto-ignition temperature (liquids and gases))	yes
9.1	Density: 0.63 – 0.6417 g/ml (calculated value)	Density: 0.6329 – 0.6404 g/ml (calculated value)	yes
12.1		Aquatic toxicity (chronic) of components: change in the listing (table)	yes
12.2		Degradability of components: change in the listing (table)	yes
12.3		Bioaccumulative potential of components: change in the listing (table)	yes
12.5	Results of PBT and vPvB assessment: According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.	yes
14.3	ADR/RID/ADN: 2 (2.1)	ADR/RID/ADN: 2	yes
15.1	List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list: none of the ingredients are listed	List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list	yes
15.1		Substance of Very High Concern (SVHC): change in the listing (table)	yes
15.1		Industrial Emissions Directive (IED)	yes
15.1		VOC content:	yes

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Revision: 2026-04-21

Replaces version of: 2025-01-13 (GHS 1)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
		97.23 %	
15.1		Water Framework Directive (WFD)	yes
15.1		List of pollutants (WFD): change in the listing (table)	yes
15.1		Restrictions of occupation: Directive 94/33/EC on the protection of young people at work / Observe national regulations on protection of young people at work.	yes
16		Abbreviations and acronyms: change in the listing (table)	yes
16		List of relevant phrases (code and full text as stated in section 2 and 3): change in the listing (table)	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations.
2006/15/EC.	Commission Directive establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
ADN.	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways).
ADR.	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road).
ADR/RID/ADN.	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN).
AGW.	Workplace exposure limit.
Aquatic Acute.	Hazardous to the aquatic environment - acute hazard.
Aquatic Chronic.	Hazardous to the aquatic environment - chronic hazard.
Asp. Tox.	Aspiration hazard.
BCF.	Bioconcentration factor.
BOD.	Biochemical Oxygen Demand.
CAS.	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).
Ceiling-C.	Ceiling value.
CLP.	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
COD.	Chemical oxygen demand.
DFG.	Deutsche Forschungsgemeinschaft MAK-und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Wiley-VCH, Weinheim.
DGR.	Dangerous Goods Regulations (see IATA/DGR).
DNEL.	Derived No-Effect Level.
EC50.	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval.
EC No.	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union).
ED.	Endocrine disruptor.
EINECS.	European Inventory of Existing Commercial Chemical Substances.
EL50.	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms.
ELINCS.	European List of Notified Chemical Substances.
EmS.	Emergency Schedule.
Flam. Gas.	Flammable gas.
Flam. Liq.	Flammable liquid.
GHS.	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations.
IATA.	International Air Transport Association.
IATA/DGR.	Dangerous Goods Regulations (DGR) for the air transport (IATA).
ICAO.	International Civil Aviation Organization.
ICAO-TI.	Technical instructions for the safe transport of dangerous goods by air.
IMDG.	International Maritime Dangerous Goods Code.
IMDG-Code.	International Maritime Dangerous Goods Code.
Index No.	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008.
IOELV.	Indicative occupational exposure limit value.
LKG.	Lagerklasse (storage class according to TRGS 510, Germany).
LL50.	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality.
Log KOW.	n-Octanol/water.
NLP.	No-Longer Polymer.
PBT.	Persistent, Bioaccumulative and Toxic.
PNEC.	Predicted No-Effect Concentration.
Ppm.	Parts per million.
Press. Gas.	Gas under pressure.
RCP.	Reciprocal calculation procedure.
REACH.	Registration, Evaluation, Authorisation and Restriction of Chemicals.
Repr.	Reproductive toxicity.
RID.	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail).
Skin Corr.	Corrosive to skin.
Skin Irrit.	Irritant to skin.
STEL.	Short-term exposure limit.
STOT RE.	Specific target organ toxicity - repeated exposure.
STOT SE.	Specific target organ toxicity - single exposure.
SVHC.	Substance of Very High Concern.
TRGS.	Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany).
TRGS 900.	Arbeitsplatzgrenzwerte (TRGS 900).
TRGS 903.	Biologische Grenzwerte (TRGS 903).
TWA.	Time-weighted average.
VOC.	Volatile Organic Compounds.
VPvB.	Very Persistent and very Bioaccumulative.

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.
Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TECWERK

2000 354 010 - TECWERK ROSTLÖSER - 400 ml

Version number: GHS 2.0

Revision: 2026-04-21

Replaces version of: 2025-01-13 (GHS 1)

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

H220.	Extremely flammable gas.
H222.	Extremely flammable aerosol.
H225.	Highly flammable liquid and vapour.
H226.	Flammable liquid and vapour.
H229.	Pressurised container: May burst if heated.
H280.	Contains gas under pressure; may explode if heated.
H304.	May be fatal if swallowed and enters airways.
H315.	Causes skin irritation.
H336.	May cause drowsiness or dizziness.
H361f.	Suspected of damaging fertility.
H372.	Causes damage to organs through prolonged or repeated exposure.
H400.	Very toxic to aquatic life.
H410.	Very toxic to aquatic life with long lasting effects.
H411.	Toxic to aquatic life with long lasting effects.

Disclaimer

This SDS has been compiled and is solely intended for this product. This information is based on the present state of our knowledge and does not constitute an assurance of product properties nor establishes contract legal rights. All data about health and safety are only for information. They should therefore not be construed as specifications.