

Safety Data Sheet

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



Version number: GHS 5.0
Replaces version of: 2019-12-09 (GHS 4)

Revision: 2021-03-30

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

1.1 Product identifier

Trade name PROMAT CHEMICALS ROSTLÖSER
Unique formula identifier (UFI) 3Q60-N0NJ-Q00D-EK6H

Article number 4000 354011 (5 L)

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-Straße 17
44263 Dortmund
Germany

Telephone: +49 (0)231 2222-3001
Telefax: +49 (0)231 2222-3099
e-mail: sdb@nordwest.com
Website: www.nordwest.com

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

1.4 Emergency telephone number

Poison centre			
Country	Name	Postal code/city	Telephone
Austria	Vergiftungsinformationszentrale der Gesundheit		+43 1 406 43 43
Germany	Beratungsstelle bei Vergiftungen Giftnformationszentrale der Länder Rheinland-Pfalz und Hessen	55131 Mainz	+49(0)6131 / 19240
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
3.10	aspiration hazard	1	Asp. Tox. 1	H304

For full text of abbreviations: see SECTION 16.

2.2 Label elements

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

Signal word danger

Pictograms

GHS08



Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

Child-resistant fastening yes

Tactile warning of danger yes

Hazardous ingredients for labelling Naphtha (petroleum), hydrotreated heavy, Distillates (petroleum), solvent-dewaxed heavy paraffinic

2.3 Other hazards

This material is combustible, but will not ignite readily.

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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
CAS No 64742-48-9 EC No 265-150-3 REACH Reg. No 01-2119457273-39	Naphtha (petroleum), hydro-treated heavy	≥ 90	Asp. Tox. 1 / H304	
CAS No 64742-65-0 EC No 265-169-7 REACH Reg. No 01-2119471299-27	Distillates (petroleum), solvent-dewaxed heavy paraffinic	5 – < 10	Asp. Tox. 1 / H304	

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. Provide fresh air.

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

Symptoms and effects are not known to date.

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, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or 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.

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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.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

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. Use only in well-ventilated areas.

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

Packaging compatibilities

Keep only in original container.

Storage class (LGK) TRGS 510

LGK 10 (combustible liquids)

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Coun-try	Name of agent	CAS No	Iden-tifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Nota-tion	Source
DE	Naphtha (petro-leum), hydro-treated heavy	64742-48-9	MAK	50	300	100	600				DFG

Notation

Ceiling-C

STEL

TWA

ceiling value is a limit value above which exposure should not occur

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)

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)

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Relevant PNECs of components of the mixture						
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	PNEC	9.33 mg/kg	aquatic organisms	water	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 suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Type of material

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

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.

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	liquid
Colour	yellowish brown
Melting point/freezing point	-54 °C at 1 atm
Boiling point or initial boiling point and boiling range	186 °C at 1 atm
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	0.6 vol% - 7 vol%
Flash point	65 °C at 1 atm
Auto-ignition temperature	>200 °C (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not determined
Kinematic viscosity	not determined
Solubility(ies)	not determined
Partition coefficient - n-octanol/water (log KOW)	this information is not available
Vapour pressure	0.05 kPa at 20 °C
Density and/or relative density Density	0.7965 g/ml (calculated value)

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no data available

9.2 Other information

Information with regard to physical hazard classes hazard classes acc. to GHS (physical hazards): not relevant

Other safety characteristics

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

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

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.

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

Shall not be classified as corrosive/irritant to skin.

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

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

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.

Other information

Repeated exposure may cause skin dryness or cracking.

11.2 Information on other hazards

There is no additional information.

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SECTION 12: Ecological information

12.1 Toxicity

Acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.
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)

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

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/packagings

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 06 04* Other organic solvents, washing liquids and mother liquors

Product residues

07 06 04* Other organic solvents, washing liquids and mother liquors

Packagings

15 01 02 Plastic 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

ADN UN 9003

14.2 UN proper shipping name

ADN SUBSTANCES WITH A FLASH-POINT ABOVE 60 °C AND NOT MORE THAN 100 °C

14.3 Transport hazard class(es)

ADN 9

14.4 Packing group

not assigned

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

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

not assigned

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) Additional information

Number of cones/blue lights 0

International Maritime Dangerous Goods Code (IMDG) Additional information

Not subject to IMDG.

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

Not subject to ICAO-IATA.

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

none of the ingredients are listed

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

none of the ingredients are listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Water Framework Directive (WFD)

none of the ingredients are listed

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013

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

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.	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
1.1	Trade name: ODRDZEWIACZE	Trade name: PROMAT CHEMICALS ROSTLÖSER	yes
1.1		Unique formula identifier (UFI): 3Q60-N0NJ-Q00D-EK6H	yes
1.2	Uses advised against: do not use for products which come into contact with foodstuffs		yes

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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 (0)231 2222-3001 Telefax: +49 (0)231 2222-3099 Website: www.nordwest.com	Details of the supplier of the safety data sheet: NORDWEST Handel AG Robert-Schuman-Straße 17 44263 Dortmund Germany Telephone: +49 (0)231 2222-3001 Telefax: +49 (0)231 2222-3099 e-mail: sdb@nordwest.com Website: www.nordwest.com	yes
1.3	e-Mail (competent person): sdb@nordwest.com		yes
1.3		e-mail (competent person): sdb@nordwest.com	yes
1.4		Poison centre: change in the listing (table)	yes
2.1		Classification according to Regulation (EC) No 1272/2008 (CLP): change in the listing (table)	yes
2.1	Remarks: For full text of H-phrases: see SECTION 16.		yes
2.1	Supplemental hazard information		yes
2.1		Supplemental hazard information: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Pictograms: change in the listing (table)	yes
2.2	Additional labelling requirements		yes
2.2	Child-resistant fastening: yes		yes
2.2	Tactile warning of danger: yes		yes
2.2		Precautionary statements: change in the listing (table)	yes
2.2		Child-resistant fastening: yes	yes
2.2		Tactile warning of danger: yes	yes
3.1		Substances: Not relevant (mixture)	yes
3.2		Hazardous ingredients acc. to EU regulation: change in the listing (table)	yes
3.2		Description of the mixture: change in the listing (table)	yes
4.1	Following skin contact: Wash with plenty of soap and water. Take off contaminated clothing.	Following skin contact: Wash with plenty of soap and water.	yes
4.1	Following ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.	Following ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.	yes
7.2	Managing of associated risks		yes
7.2	Incompatible substances or mixtures: Observe hints for combined storage.		yes

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7.2	Consideration of other advice: Observe instructions for use. Keep out of reach of children.		yes
7.2		Packaging compatibilities: Keep only in original container.	yes
7.2		Storage class (LGK) TRGS 510: LGK 10 (combustible liquids)	yes
8.1	National limit values		yes
8.1	Occupational exposure limit values (Workplace Exposure Limits)		yes
8.1	Relevant DNELs/DMELs/PNECs and other threshold levels		yes
8.1	• relevant PNECs of components of the mixture		yes
8.2	Individual protection measures (personal protective equipment): eye protection must be worn safety gloves must be worn do not eat or drink	Individual protection measures (personal protective equipment): eye protection must be worn safety gloves must be worn do not eat or drink 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.	yes
8.2	Respiratory protection: In case of inadequate ventilation wear respiratory protection Full face mask/half mask/quarter mask (EN 136/140) P2 (filters at least 94 % of airborne particles, colour code: White)	Respiratory protection: In case of inadequate ventilation wear respiratory protection.	yes
8.2	Environmental exposure controls: Use appropriate container to avoid environmental contamination.	Environmental exposure controls: Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.	yes
9.1	Appearance		yes
9.1	Odour: characteristic		yes
9.1	Other physical and chemical parameters		yes
9.1	Flammability (solid, gas): not relevant (fluid)	Flammability: this material is combustible, but will not ignite readily	yes
9.1	Explosive limits	Lower and upper explosion limit: 0.6 vol% - 7 vol%	yes
9.1	• lower explosion limit (LEL): 0.6 vol%		yes
9.1	• upper explosion limit (UEL): 7 vol%		yes
9.1	Auto-ignition temperature: >200 °C	Auto-ignition temperature: >200 °C (auto-ignition temperature (liquids and gases))	yes
9.1	Viscosity: not determined		yes
9.1	Explosive properties: none		yes
9.1	Oxidising properties: none		yes
9.1		Decomposition temperature: not relevant	yes
9.1		pH (value): not determined	yes
9.1		Kinematic viscosity: not determined	yes
9.1		Density and/or relative density	yes
9.1	Density: 0.7965 g/ml (calculated value)	Density: 0.7965 g/ml (calculated value) no data available	yes
9.2	Other information: There is no additional information.	Other information	yes
9.2		Information with regard to physical hazard classes: hazard classes acc. to GHS (physical hazards): not relevant	yes
9.2		Other safety characteristics	yes
9.2		Temperature class (EU, acc. to ATEX): T3 (maximum permissible surface temperature on the equipment: 200°C)	yes

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9.2		Odour: characteristic	yes
11.1	• Acute toxicity of components of the mixture		yes
11.1		• Acute toxicity of components of the mixture: change in the listing (table)	yes
11.1	Summary of evaluation of the CMR properties: Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.		yes
11.1	Specific target organ toxicity (STOT): Shall not be classified as a specific target organ toxicant.		yes
11.1		Germ cell mutagenicity: Shall not be classified as germ cell mutagenic.	yes
11.1		Carcinogenicity: Shall not be classified as carcinogenic.	yes
11.1		Reproductive toxicity: Shall not be classified as a reproductive toxicant.	yes
11.1		Specific target organ toxicity - single exposure: Shall not be classified as a specific target organ toxicant (single exposure).	yes
11.1		Specific target organ toxicity - repeated exposure: Shall not be classified as a specific target organ toxicant (repeated exposure).	yes
11.2		Information on other hazards: There is no additional information.	yes
12.1	Toxicity: acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment. Wassergefährdungsklasse, WGK (water hazard class) (WGK; Germany): 2 (obviously hazardous to water)	Toxicity: Acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment. 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)	yes
12.1	Aquatic toxicity (acute)		yes
12.1	Aquatic toxicity (acute) of components of the mixture		yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
12.1	Aquatic toxicity (chronic)		yes
12.1	Aquatic toxicity (chronic) of components of the mixture		yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
12.2	Degradability of components of the mixture		yes
12.2		Degradability of components of the mixture: change in the listing (table)	yes
12.2	Persistence and degradability	Persistence and degradability: Data are not available.	yes
13.1	Waste treatment of containers/packagings: It is a dangerous waste; only packagings 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.	Waste treatment of containers/packagings: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.	yes
13.1	List of wastes: not assigned	List of wastes, (Recommendations)	yes
13.1		Product: 07 06 04* Other organic solvents, washing liquids and mother liquors	yes
13.1		Product residues: 07 06 04* Other organic solvents, washing liquids and mother liquors	yes
13.1		Packagings: 15 01 02 Plastic packaging	yes
14.1	UN number: not subject to transport regulations	UN number or ID number	yes
14.1		ADN: UN 9003	yes
14.2	UN proper shipping name: not relevant	UN proper shipping name	yes

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14.2		ADN: SUBSTANCES WITH A FLASH-POINT ABOVE 60 °C AND NOT MORE THAN 100 °C	yes
14.3	Class: 9 (miscellaneous dangerous substances and articles)		yes
14.3		ADN: 9	yes
14.5	Environmental hazards: none (non-environmentally hazardous acc. to the dangerous goods regulations)	Environmental hazards: non-environmentally hazardous acc. to the dangerous goods regulations	yes
14.6	Special precautions for user: Provisions for dangerous goods (ADR) should be complied with in the premises.	Special precautions for user: There is no additional information.	yes
14.7	• Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN): Not subject to ADR. Not subject to RID.	Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) Additional information: not assigned	yes
14.7	UN number: 9003		yes
14.7	Proper shipping name: SUBSTANCES WITH A FLASH-POINT ABOVE 60 °C AND NOT MORE THAN 100 °C		yes
14.7	Class: 9		yes
15.1	• Restrictions according to REACH, Annex XVII		yes
15.1		• Restrictions according to REACH, Annex XVII: change in the listing (table)	yes
15.1	Regulation 648/2004/EC on detergents		yes
15.1		Labelling of contents: change in the listing (table)	yes
15.1		Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013: none of the ingredients are listed	yes
15.1		Regulation 648/2004/EC on detergents	yes
15.1		Labelling of contents: change in the listing (table)	yes
15.1	• Storage of hazardous substances in non-stationary containers (TRGS 510) (Germany)		yes
15.1	Storage class (LGK): 10 (combustible liquids)		yes
15.1	National inventories		yes
15.1		National inventories: change in the listing (table)	yes
15.1		National inventories	yes
15.1		National inventories: change in the listing (table)	yes
16		Abbreviations and acronyms: change in the listing (table)	yes
16	Key literature references and sources for data: - Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU - Regulation (EC) No. 1272/2008 (CLP, EU GHS)	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).	yes

Safety Data Sheet

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



4000 354011 (5 L) - PROMAT CHEMICALS ROSTLÖSER

Version number: GHS 5.0
Replaces version of: 2019-12-09 (GHS 4)

Revision: 2021-03-30

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations.
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 européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
Asp. Tox.	Aspiration hazard.
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.
DFG.	Deutsche Forschungsgemeinschaft MAK-und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Wiley-VCH, Weinheim.
DGR.	Dangerous Goods Regulations (see IATA/DGR).
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).
EINECS.	European Inventory of Existing Commercial Chemical Substances.
ELINCS.	European List of Notified Chemical Substances.
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.
IMDG.	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.
LGK.	Lagerklasse (storage class according to TRGS 510, Germany).
NLP.	No-Longer Polymer.
PBT.	Persistent, Bioaccumulative and Toxic.
PNEC.	Predicted No-Effect Concentration.
Ppm.	Parts per million.
REACH.	Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID.	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail).
STEL.	Short-term exposure limit.
SVHC.	Substance of Very High Concern.
TRGS.	Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany).
TWA.	Time-weighted average.
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.

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 chapter 2 and 3)

H304. May be fatal if swallowed and enters airways.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.