



Safety Data Sheet

In accordance with Regulation (EC) No. 1907/2006, Annex II

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Super Rinse (FIAMMA)

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

Relevant identified uses for the substance or mixture:

Scented anti-mildew bactericide for toilet fresh water tanks.

Uses advised against:

There is currently no information regarding this.

1.3 Details of the supplier of the Safety Data Sheet

TÜV LGA Rheinland Products GmbH, Am Grauen Stein, D-51105 Köln, Germany

Telephone +49 221 806 – 2062, Telefax +49 221 806 – 2882

E-mail address of person responsible:

info@chemical-check.de, k.schnurbusch@chemical-check.de

1.4 Emergency telephone number

Poison centre

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Emergency telephone number of the company:

Tel.: +49 221 806 – 2062

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Hazard class	Hazard category	Hazard statements
Eye Irrit.	2	H319- Causes serious eye irritation
Skin irrit.	1	H315- Causes skin irritation
Aquatic Acute	1	H400-Very toxic to aquatic life

2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including changes).

N, Dangerous for the environment, R50

2.2 Label elements

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



Hazard statements

H319- Causes serious eye irritation. H315- Causes skin irritation. H400- Very toxic to aquatic life.
 P101- If medical advice is needed, have product container or label at hand. P102- Keep out of reach of children.

Prevention precautionary statements

P273- Avoid release to the environment. P280- Wear protective gloves/protective clothing/eye protection/face protection.

Response precautionary statements

P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P332+P313- If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists get medical advice/attention. P391- Collect spillage.

Disposal precautionary statements

P501- Dispose of contents/container at a special or hazardous waste collection point.

2.3 Other hazards

The mixture does not contain vPvB substances (vPvB = very persistent, very bioaccumulative) and therefore does not fall within the provisions of Annex XIII of the Regulation (EC) 1907/2006.
 The mixture does not contain PBT substances (PBT= persistent, bioaccumulative and toxic) and therefore does not fall within the provisions of Annex XIII of Regulation (EC) 1907/2006.

SECTION 3: Composition/Information on ingredients

3.1 Substance

N/a

3.2 Mixture

Quaternary ammonium compounds,
 benzyl-C12-16-alkyldimethyl, chloride

REACH Registration No.

Index No.

EINECS, ELINCS, NLP No.

CAS No.

% range

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270-325-2

CAS 68424-85-1

1-<3

Classification according to 67/548/EEC

Harmful, Xn, R21/22
Corrosive, C, R34
Dangerous for the environment, N, R50
Acute Tox. 4, H312

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

Acute Tox. 4, H302
Skin corr., 1B, H314
Aquatic Acute 1, H400

See section 16 for the full text of R and H phrases and for the acronyms relating to classification (GHS/CLP).

SECTION 4: First aid measures**4.1 Description of first aid measures****Inhalation**

Take the person to fresh air and, depending on the symptoms, get medical attention.

Skin

Wash thoroughly with plenty of water, remove contaminated clothing immediately and if skin irritation occurs (redness etc.) get medical attention/advice.

Eyes

Remove contact lenses.

Rinse eye for a long time with plenty of water and if necessary get medical attention immediately.

Ingestion

Rinse mouth with water.

Drink a lot of water and get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

If delayed symptoms and effects were to occur, these are described in Section 11 or in Section 4.1, which deals with the relevant routes of exposure.

Eye irritation.

Possible skin irritation with prolonged contact.

4.3 Indication of any immediate medical attention and special treatment needed

n.g.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Must be appropriate for the place in which the fire occurs.

Water mist/Foam/CO₂/Dry powder

Unsuitable extinguishing media

None

5.2 Special hazards arriving from the substance or mixture

If there is a fire, the following products may form:

carbon dioxide

nitrogen oxide

poisonous gases

5.3 Advice for firefighters

Do not inhale the gases produced by the explosion and fire.

Wear breathing apparatus.

Evaluate the size of the fire.

If necessary wear full protective clothing

Dispose of contaminated water used in firefighting in line with provisions of regulations in force.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure that there is adequate ventilation.

Avoid contact with skin and eyes.

Be careful of the danger of slippery surfaces.

6.2 Environmental precautions

Contain any significant leakages.

Prevent infiltration into the ground and into surface and underground water.

Prevent leakages from entering the sewers.

If leaked substances should accidentally reach the sewers, immediately inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

Remove using absorbent substances (e.g. universal binding agents, sand, diatomaceous earth, saw dust) and dispose of in compliance with Section 13.

Rinse any residues with plenty of water.

6.4 Reference to other sections

See Section 13 and Section 8 for exposure controls/personal protection.

SECTION 7: Handling and storage

As well as the advice in this section, there is further information in Sections 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation in the surrounding area.

Avoid contact with eyes.

Avoid intense or prolonged contact with skin.

Do not allow the consumption of food and drink, as well as smoking and the keeping of foodstuffs in the work place.

Pay attention to the instructions on the product label, as well as the directions for use.

Use working methods which comply with indications in the directions for use.

7.1.2 Advice on general occupational hygiene

Adopt all the general hygiene measures envisaged for an environment where chemical substances are handled.

Wash hands before breaks and at the end of the work shift.

Keep the product away from food, drinks and animal feed.

Before entering places where food and drinks are consumed, remove contaminated clothes and protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of the reach of unauthorized people.

Only store the product in its original packaging and tightly closed.

Do not store the product in areas where people are allowed to pass (corridors) or in stairwells.

Prevent in a secure manner possible infiltrations into the ground.

Store at room temperature.

7.3 Specific end uses

No information currently available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure there is adequate ventilation, which can be provided via local suction or general air extraction.

If extraction is not sufficient to keep the concentrations below limit values foreseen in the work place (AGW, *Arbeitsplatzgrenzwerten*), wear breathing apparatus.

To be implemented only if the exposure limit values to risk agents are indicated.

8.2.2 Individual protection measures such as personal protective equipment

Adopt the general hygiene measures envisaged for an environment where chemical substances are handled.

Wash hands before breaks and at the end of the work shift.

Keep the product away from food, drink and animal feed.

Before entering places where food and drinks are consumed, remove contaminated clothes and protective equipment.

Eye/face protection:

Safety airtight eyewear with side shields (EN 166).

Skin/hand:

Protective gloves against chemicals (EN 374)

If required:

Rubber gloves (EN 374)

Butyl protective gloves (EN 374)

Nitrile protective gloves (EN 374)

The use of protective hand cream is advisable.

Other protection measures for skin:

Protective clothing (e.g. EN ISO 20345 safety footwear, work clothes with long sleeves)

Breathing apparatus:
Not required by regulations.

Thermal hazards:
None foreseen.

Additional information on protection of hands – Tests have not been conducted.
In the case of mixtures, the selection has been made based on the latest knowledge in the field and according to information on the substance contained.
In the case of substances, the selection has been made according to data supplied by glove manufacturers.
The final selection of material for protective gloves must be made considering breakthrough time, permeation and degradation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Red
Odour:	Perfumed
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point/boiling range:	Not determined
Flash point:	N/a
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limits:	Not determined
Upper explosive limits:	Not determined
Vapour pressure:	Not determined
Relative density (Air=1)	Not determined
Density:	Not determined
Bulk density:	N/a
Solubility:	Not determined
Solubility in water:	Miscible
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	No
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	The product is not explosive.
Oxidising properties:	Not determined
9.2 Other information	
Miscibility:	Not determined
Fat solubility/Solvent:	Not determined

Conductivity:	
Surface tension:	Not determined
Solvent content:	Not determined
	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

None

10.2 Chemical stability

No hazardous reaction when stored and handled appropriately

10.3 Possibility of hazardous reactions

No possible hazardous reactions noted

10.4 Conditions to avoid

See Section 7.

None.

10.5 Incompatible materials

See Section 7.

None.

10.6 Hazardous decomposition products

See Section 5.2.

No decomposition is detected if used according to instructions.

SECTION 11: Toxicological information

Super Rinse (FIAMMA)

Toxicity/Effects	Endpoint	Value	Unit	Organism	Test methods	Notes
Acute toxicity (oral):	ATE	>2000	mg/kg			Calculated value
Acute toxicity (dermal):	ATE	>2000	mg/kg			Calculated value
Acute toxicity (inhalation):						k.D.v.
Skin corrosion/irritation:						k.D.v.
Serious eye damage/irritation:						k.D.v.
Respiratory or skin sensitization:						k.D.v.
Germ cell mutagenicity:						k.D.v.
Carcinogenicity:						k.D.v.
Reproductive toxicity:						k.D.v.
Specific target organ toxicity – single exposure (STOT-SE)						k.D.v.
Specific target organ toxicity – repeated exposure (STOT-RE):						k.D.v.
Aspiration hazard:						k.D.v.
Respiratory tract irritation:						k.D.v.

Repeated dose toxicity:
Symptoms:
Specific toxicological data

k.D.v.
k.D.v.
k.D.v.

SECTION 12: Ecological information

Super Rinse (FIAMMA)

Toxicity/Effects	Endpoint	Time	Value	Unit	Organism	Test methods	Notes
Toxicity, fish:							k.D.v.
Toxicity, water fleas (daphnia):							k.D.v.
Toxicity, algae:							k.D.v.
Persistence and degradability:							k.D.v.
Bioaccumulative potential:							k.D.v.
Mobility in soil:							k.D.v.
Results of PBT and vPvB assessment:							k.D.v.
Other adverse effects:							k.D.v.

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chloride

Toxicity/Effects	Endpoint	Time	Value	Unit	Organism	Test methods	Notes
Toxicity, fish:	LC50	96h	0.93	mg/l	(Oncorhynchus mykiss)		
Toxicity, water fleas (daphnia):	EC50	48h	0.0058	mg/l	(Daphnia magna)		
Toxicity, algae:	EC50	72h	0.049	mg/l			
Toxicity for bacteria:	EC50	3h	7.75	mg/l	(activated sludge)		

SECTION 13: Disposal considerations

13.1 WASTE TREATMENT METHODS FOR SUBSTANCES / MIXTURES / RESIDUES

EC waste code:

The waste codes indicated refer to the product's intended use.

In the event of particular uses or of special disposal conditions other waste codes can also be applied. (2001/118/EC, 2001/119/EC, 2001/573/EC).

07 04 01 aqueous washing liquids and mother liquors

07 06 01 aqueous washing liquids and mother liquors

Recommendations:

Comply with local administrative provisions.

For example: use a suitable incinerator.

For example: use suitable landfill.

For contaminated packaging waste:

Comply with local administrative provisions.

Empty containers completely.

Contaminated packaging cannot be recycled.
Packaging which cannot be washed must be disposed of in line with the substance contained in it.
Recommended cleaning agent:
water.

SECTION 14: Transport information

General information:

UN Number 3082

Road/rail transport (GGVSEB/ADR/RID)

UN Proper shipping name:

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chloride)

Transport hazard class: 9

Packing group: III

Classification code: M6

LQ (ADR 2011) : 5 L

LQ (ADR 2009) : 7

Environmental hazards: environmentally hazardous

Tunnel restriction code: E

Sea transport (GGVSee/IMDG)

UN Proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chloride)

Transport hazard class: 9

Packing group: III

EMS: F-A, S-F

Marine Pollutant: Yes

Environmental hazards: environmentally hazardous

Air transport (IATA)

UN Proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chloride)

Transport hazard class: 9

Packing group: III

Environmental hazards: environmentally hazardous

Special precautions for user

Personnel involved in the transport of hazardous substances must be suitably trained.

All personnel involved in the transport must observe safety precautions.

Measures must be taken to avoid accidents.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This regulation is not applicable since the load is not done as bulk but in pieces.

The regulations relating to transport of minimum quantities are not applicable.

Hazardous number and packing code are available on request.

SECTION 15: Regulatory information

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

Classification and labelling: see Section 2.

Restrictions: Yes

Comply with safety/occupational health regulations.

Comply with the regulation envisaged in the case of malfunction.

Water hazard class (Germany): 2

Self-classification: Yes (VwVwS)

15.2 Chemical safety assessment

A safety assessment of the substance for the mixture is not envisaged.

SECTION 16: Other information

This information relates to the product as it is delivered.

Storage class in accordance with TRGS 510:

12

Revised Sections:

n.a.

Procedures used for correction of classification of mixtures according to Regulation (EC) 1272/2008 (CLP)

Classification according to Regulation (EC) no.: 1272/2008 (CLP)	Evaluation method used
Eye Irrit. 2, H319	Classification according to the calculation method
Skin Irrit. 2, H315	Classification according to the calculation method
Aquatic Acute 1, H400	Classification according to the calculation method

R and H phrases and the hazard code (GHS/CLP) of the ingredients (shown in Section 3) are listed below.

21/22	Harmful in contact with skin and if swallowed.
34	Causes burns
50	Very toxic to aquatic organisms.
22	Harmful if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H400	Very toxic to aquatic life.
Eye Irrit.	Eye irritation.
Skin Irrit.	Skin irritation.
Eye Dam.	Serious eye damage.
Aquatic Acute	Hazardous for the aquatic environment, acute.
Acute Tox.	Acute toxicity – dermal
Acute Tox	Acute toxicity – oral
Skin Corr.-	Skin corrosion

Abbreviations and acronyms used in this document

AC	Article Categories
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	Accord européen relative au transport international des marchandises Dangereuses par Route (<i>European Agreement concerning the International Carriage of Dangerous Goods by Road</i>)
AGW, Spb-Üf, AGW	= Arbeitsplatzgrenzwert, Spb.-Üf = Spitzenbegrenzung-Überschreitungs faktor (1 bis 8) und Kategorie (I, II) für Kurzzeitwerte (TRGS900, Deutschland) (<i>Work place limit values, Top limit exceeding factor value (1 to 8) and Categories (I-II) for short term exposure (TRGS900, Germany)</i>)
alkoholbest.	alkoholbeständig (<i>alcohol resistant</i>)
allg.	allgemein (<i>in general</i>)
Anm.	Anmerkung (<i>Note</i>)
AOEL	Acceptable Operator Exposure Level
AOX	Adsorbierbare organische Halogenverbindungen (<i>Adsorbable organic halogen compounds</i>)
Art., Art.-Nr.	Artikelnummer (<i>article number</i>)
ATE	Acute Toxicity Estimate in accordance with Regulation (EC) Nr. 1272/2008 (CLP)
BAM	Bundesanstalt für Materialforschung und –prüfung (<i>Federal Institute for materials research and testing, Germany</i>)
BAT	Biologische Arbeitsstofftoleranzwerte (Schweiz) (<i>Biological tolerance values - Switzerland</i>)
BAuA	Bundesanstalt für Arbeitsschutz und Arbeitmedizin (<i>Federal Institute for Occupational Safety and Health, Germany</i>)
BCF	Bioconcentration factor
Bem.	Bemerkung (<i>Comment</i>)
BG	Berufsgenossenschaft (<i>Health and Safety and Employers' liability insurance association</i>)
BGV	Berufsgenossenschaftliche Vorschrift (Regulations for <i>Health and Safety and Employers' liability insurance association</i>)
BGW	Biologischer Grenzwert (TRGS 903, Deutschland) (<i>Biological limit value TRGS 903, Germany</i>)
BGW /NLB	Biologisch grenswaarde /Valeur limite biologique (Belgien) (<i>Biological limit value - Belgium</i>)
BGW, VGÜ	BGW Biologische Grenzwert. (<i>Biological limit value</i>) VGÜ = Verordnung des Bundesministers für Arbeit und Soziales über die Gesundheitsüberwachung am Arbeitsplatz (Österreich) (<i>Regulation on safety and protection of health at work – Austria</i>)
BHT	Butylated hydroxytoluene (2,6-di-tert-butyl-4-methylphenol)
BOD	Biochemical oxygen demand
BSEF	Bromine Science and Environmental Forum
bw	Body weight
Bzw.	Beziehungsweise (<i>respectively</i>)
Ca.	Approximately
CAS	Chemical Abstracts Service
CESIO	Comité Européen des Agents de Surface et de leur Intermédiaires Organiques

ChemRRV	(European Committee of Organic Surfactants and their Intermediates) Chemikalien-Risikoreduktions-Verordnung (Schweiz)
CIPAC	(Chemical Risk Reduction Ordinance – Switzerland)
CLP	Collaborative International Pesticides Analytical Council Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008 on classification labelling and packaging of substances and mixtures).
CMR	Carcinogens, mutagens and substances toxic to reproduction
COD	Chemical oxygen demand
CTFA	Cosmetic, Toiletry and Fragrance Association
DIN	Deutsches Institut für Normung (German Institute for Standardization)
DMEL	Derived Minimum Effect Level
DNEL	Derived No effect Level
DOC	Dissolved organic carbon
DT50	Dwell time – 50% reduction of start concentration.
DVS	Deutscher Verband für Schweißen und verwandte Verfahren e.V. (German Association for Welding and related processes)
dw	dry weight
EAK	Europäische Abfallkatalog (European Waste Catalogue (EWC))
ECHA	European Chemicals Agency
EG	Europäische Gemeinschaft (European Community (EC))
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EN	Europäischen Normen (European Standards)
EPA	United States Environmental Protection Agency
ERC	Environmental Release Categories
ES	Expositionsszenario (Exposure scenario)
etc., usw.	Eccetera
EU	European Union
EWG	Europäische Wirtschaftsgemeinschaft (European Economic Community (EEC))
EWR	Europäische Wirtschaftsraum (European Economic Area)
Fax.	Fax number
gem.	Gemäß (according to)
ggf.	gegebenenfalls (if applicable)
GGVSE	Gefahrgutverordnung Straße und Eisenbahn- Deutschland. (Regulation on the transport of hazardous goods by road or rail - Germany. This regulation has been substituted and incorporated into GGVSEB).
GGVSEB	Gefahrgutverordnung Straße, Eisenbahn und Binnenschifffahrt- Deutschland. (Regulation on the transport of hazardous goods by road, rail and in-land waterways – Germany)
GGVSee	Gefahrgutverordnung See (Regulation for the transport of hazardous goods by sea). The regulation is applied to the transport of hazardous goods by ocean-going ships (Germany)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
GTN	Glyceryl trinitrate
GW/VL	Grenswaarde voor beroepsmatige blootstelling = Valeur limite d'exposition professionnelle (Occupational Exposure Limit (OEL) value)
GW-kw/VL- cd	Grenswaarde voor beroepsmatige blootstelling - Kortetijdswaarde = Valeur limite d'exposition professionnelle – Valeur courte durée (Occupational Exposure Limit value – short time exposure)

GW-M/VL-	Grenswaarde voor beroepsmatige blootstelling «Ceiling» = Valeur limite d'exposition
M	professionnelle «Ceiling» (« <i>Ceiling</i> » <i>Occupational Exposure Limit value</i>)
GWP	Global warming potential
HET-CAM	Hen's Egg Test
HGWP	Halocarbon Global Warming Potential
IARC	International Agency for research on Cancer
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IBC (Code)	International Bulk Chemical (Code)
IC	Inhibitory concentration
IMDG-Code	International Maritime Code for Dangerous Goods
Inkl.	Inklusive, (<i>including, inclusive</i>)
IUCLID	International Uniform Chemical Information Database
k.D.v.	Keine Daten vorhanden (<i>no data available</i>)
KFZ, kfz	Kraftfahrzeug (<i>motor vehicle</i>)
Konz.	Konzentration (<i>concentration</i>)
LC	Lethal concentration
LD	Lethal Dose of a chemical substance
LD50%	Lethal Dose, 50%
LFBG	Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch – Deutschland (<i>Food, commodities and feed code – Germany</i>)
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
LQ	Limited Quantities
LRV	Luftreinhalte-Verordnung-Schweiz (<i>Air pollution control Regulation – Switzerland</i>)
MAK	Maximale Arbeitsplatzkonzentrationswerte gesundheitsgefährdender Stoffe (MAK-Werte-Schweiz) (<i>Maximum concentration of a hazardous substance in the work place – Switzerland</i>)
MAK-Kzw, TRK-Kzw	Maximale Arbeitsplatzkonzentration – Kurzzeitwert (<i>maximum workplace concentration – short term value</i>) Technische Richtkonzentration – Tagesmittelwert (<i>technical guidance concentration – average daily value – Austria</i>)
MARPOL	International Convention for the Prevention of Pollution From Ships
Min., min.	Minimum
n.a.	Not applicable
n.g.	Nicht geprüft (<i>not tested</i>)
n.v.	Nicht verfügbar (<i>not available</i>)
NIOSH	National Institute of Occupational Safety and Health (USA)
NOAEL	No Observed Adverse Effect Level

NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
ODP	Ozone Depletion Potential
OECD	Organisation for Economic Co-operation and Development
Org.	<i>Organic</i>
PAK	Polyzyklischer aromatischer Kohlenwasserstoff (<i>Polycyclic aromatic hydrocarbons</i>)
PBT	Persistent, bioaccumulative and toxic
PC	Chemical product category
PE	Polyethylene
PNEC	Predicted No Effect Concentration
POCP	Photochemical ozone creation potential
PP	Polypropylene
PROC	Process category
Pt.	<i>Point</i>
PTFE	Polytetrafluoroethylene
PUR	Polyurethane
PVC	Polyvinyl chloride
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
REACH-IT List-no.	<i>The number 9xx-xxx-x is automatically assigned during pre-registration without a CAS No. or other identifying numbers. The numbers listed have no legal value, they are purely indicative and are used to process submission via REACH-IT</i>
Resp.	<i>Respective</i>
RID	Regulations concerning the international carriage of dangerous goods by rail.
SADT	Self-Accelerating Decomposition Temperature
SU	Sector of Use
SVHC	Substance of Very High Concern
Tel.	Telephone number
ThOD	Theoretical oxygen demand
TOC	Total organic carbon
TRG	Technische Regeln Druckgase (<i>Technical rules for compressed gases</i>)
TRGS	Technische Regeln für Gefahrstoff (<i>Technical rules for hazardous substances</i>)
UV	Ultraviolet
VbF	Verordnung über brennbare Flüssigkeiten (Österreichische Verordnung) (<i>Regulation for flammable liquids – Austria</i>)
VCI	Verband der Chemischen Industrie e. V. (<i>Association of the Chemical Industry</i>)
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
VwVws	Verwaltungsvorschrift wassergefährdende Stoffe

WGK	<i>(Administrative Regulation on the classification of substances hazardous to water into water hazard classes)</i> Wassergefährdungsklasse gemäß Verwaltungsvorschrift wassergefährdender Stoffe – VwVwS (Deutsche Verordnung) <i>(Water hazard class in accordance with the Administrative Regulation on the classification of substances hazardous to water into water hazard classes – VwVwS German regulation)</i>
WGK1	schwach wassergefährdend <i>(low hazard to waters)</i>
WGK2	wassergefährdend <i>(hazard to waters)</i>
WGK3	stark wassergefährdend <i>(severe hazard to waters)</i>
WHO	World Health Organization
wwt	wet weight
z. Zt.	zur Zeit <i>(currently)</i>
z.B.	zum Beispiel <i>(for example (e.g.))</i>

The information provided above is based on our current knowledge and the main objective is to describe necessary safety regulations in relation to the product. Therefore a detailed description of the product's characteristics is not guaranteed.

We accept no liability.

Prepared by:

Chemical Check GmbH, Wöbber Straße 2-4, D-32839 Steinheim, Germany Tel.: +49 5233 94 17 0, Fax: +49 5233 94 1790

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