

Multielement-Standardlösung für ICP-OES 4 Elemente in Salpetersäure 6% mit Spuren

Flusssäure ca.0.2%

Revision date: 15.06.2022

Product code: 28624

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

1.1. Product identifier

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UFI:

GH8J-T2S3-G00J-8RFW

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

Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Uses advised against

Do not use for private purposes (household).

1.3. Details of the supplier of the safety data sheet

Company name:	Fa. Bernd Kraft GmbH	
Street:	Stempelstraße 6	
Place:	D-47167 Duisburg	
Telephone:	0203/5194-0	Telefax: 0203/5194-290
e-mail:	info@berndkraft.de	
Contact person:	Abteilung Produktsicherheit	Telephone: 0203/5194-107/117
e-mail:	produktsicherheit@berndkraft.de	
Internet:	www.berndkraft.de	
Responsible Department:	Abteilung Produktsicherheit	
1.4. Emergency telephone	For Hazardous Materials [or Danger	ous Goods] Incidents Spill, Leak, Fire,
number:	Exposure, or Accident Call CHEMTF	REC Day or Night Within USA and Canada:
	1-800-424-9300 Outside USA and C	anada: +1 703-741-5970 (collect calls
	accepted)	

Further Information

inapplicable, this product is a mixture REACH registration number see section 3

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Met. Corr. 1; H290 Acute Tox. 4; H302 Acute Tox. 4; H312 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

nitric acid Hydrofluoric acid selenium dioxide Signal word:

Danger



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Pictograms:



Hazard statements

H290	May be corrosive to metals.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.

Precautionary statements

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Special labelling of certain mixtures

EUH071

Corrosive to the respiratory tract.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization Mixtures in aqueous solution

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLI	P Regulation)		
7697-37-2	nitric acid			5 - < 10 %
	231-714-2	007-030-00-3	01-2119487297-23	
	Ox. Liq. 3, Met. Corr.	1, Acute Tox. 3, Skin Corr. 1A; H272 H	290 H331 H314 EUH071	
7664-39-3	hydrofluoric acid %			< 1 %
	231-634-8	009-003-00-1		
	Acute Tox. 1, Acute To	ox. 2, Acute Tox. 2, Skin Corr. 1A; H31	0 H330 H300 H314	
7446-08-4	selenium dioxide			< 1 %
	231-194-7	034-002-00-8		
	Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H331 H301 H373 H400 H410			

Full text of H and EUH statements: see section 16.



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CAS No	EC No	Chemical name	Quantity
	Specific Conc. I	Limits, M-factors and ATE	
7697-37-2	231-714-2	nitric acid	5 - < 10 %
		2,65 mg/kg (vapours) Ox. Liq. 3; H272: >= 65 - 100 Skin Corr. 1A; H314: >= Corr. 1B; H314: >= 5 - < 20	
7664-39-3	231-634-8	hydrofluoric acid %	< 1 %
	LC50 = 1610 pp	= 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); inhalation: om (gases); dermal: ATE = 5 mg/kg; oral: ATE = 5 mg/kg Skin Corr. 1A; H314: in Corr. 1B; H314: >= 1 - < 7 Eye Irrit. 2; H319: >= 0,1 - < 1	
7446-08-4	231-194-7	selenium dioxide	< 1 %
	inhalation: ATE 68,1 mg/kg	= 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); oral: LD50 =	

Further Information

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!

After inhalation

Provide fresh air.

Call a physician immediately.

After contact with skin

Wash immediately with: Water Take off immediately all contaminated clothing and wash it before reuse. Call a physician immediately.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing.

Protect uninjured eye.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Do not allow a neutralisation agent to be drunk. Call a physician immediately.

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

Causes burns. Irritant Cough Dyspnoea Vomiting Methaemoglobinaemia Risk of serious damage to eyes.

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

No data available

SECTION 5: Firefighting measures



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5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

no restriction

5.2. Special hazards arising from the substance or mixture

Non-combustible liquids Hazardous combustion products In case of fire may be liberated: Nitrogen oxides (NOx)

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. Avoid contact with skin, eyes and clothes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Move undamaged containers from immediate hazard area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Corrosive to metals.

For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Remove persons to safety. Emergency procedures Consult an expert Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.



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6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Vor Gebrauch Kennzeichnungsetikett lesen. Behälter mit Vorsicht öffnen und handhaben.

Am Arbeitsplatz nicht essen, trinken, rauchen, schnupfen. Persönliche Schutzausrüstung verwenden.

Für ausreichende Lüftung sorgen. Kontakt mit Haut, Augen und Kleidung vermeiden. Dampf/Aerosol nicht einatmen.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Avoid: aerosol or mist formation Do not breathe vapour/aerosol.

Further information on handling

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Corrosive to metals.

Unsuitable container/equipment material: Metal, Glass

The product develops hydrogen in an aqueous solution in contact with metals.

Hints on joint storage

national regulations

Further information on storage conditions

Keep container tightly closed.

7.3. Specific end use(s)

Laboratory chemicals

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7664-39-3	Hydrogen fluoride (as F)	1.8	1.5		TWA (8 h)	WEL
		3	2.5		STEL (15 min)	WEL
7697-37-2	Nitric acid	1	2.6		STEL (15 min)	WEL



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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
7446-08-4	selenium dioxide			
Worker DNEL,	long-term	inhalation	systemic	0,07 mg/m³
Worker DNEL,	long-term	dermal	systemic	9,8 mg/kg bw/day
Consumer DN	EL, long-term	inhalation	systemic	0,021 mg/m³
Consumer DN	EL, long-term	dermal	systemic	6,02 mg/kg bw/day
Consumer DN	EL, long-term	oral	systemic	0,00602 mg/kg bw/dav

PNEC values

CAS No	Substance	
Environmental compartment Value		
7446-08-4	selenium dioxide	
Freshwater		0,00374 mg/l
Freshwater (intermittent releases)	0,0077 mg/l
Marine water		0,0028 mg/l
Freshwater sediment 11,48 mg/kg		
Marine sedin	8,68 mg/kg	
Secondary p	oisoning	1,4 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,06 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Individual protection measures, such as personal protective equipment

Eye/face protection

goggles

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Suitable examples are gloves of KCL GmbH, D-36124 Eichenzell, e-mail: vertrieb@kcl.de with the following specification (test according to EN 374):

By long-term hand contact Trade name/designation: KCL 741 Dermatril® L Recommended material: NBR (Nitrile rubber) 0,11 mm



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Wearing time with permanent contact: > 480 min

By short-term hand contact Trade name/designation: KCL 741 Dermatril® L Recommended material: NBR (Nitrile rubber) 0,11 mm Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	like: Nitric acid
Odour threshold:	No data available
Changes in the physical state	
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Sublimation point:	No data available
Softening point:	No data available
Pour point:	No data available
No data available:	
Flash point:	Х
Flammability	
Solid/liquid:	not applicable
Gas:	not applicable
Gas: Explosive properties No data available	
Explosive properties	
Explosive properties No data available	not applicable
Explosive properties No data available Lower explosion limits:	not applicable No data available
Explosive properties No data available Lower explosion limits: Upper explosion limits:	not applicable No data available No data available
Explosive properties No data available Lower explosion limits: Upper explosion limits: Auto-ignition temperature:	not applicable No data available No data available
Explosive properties No data available Lower explosion limits: Upper explosion limits: Auto-ignition temperature: Self-ignition temperature	not applicable No data available No data available No data available



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pH-Value:	<1		
Viscosity / dynamic:	No data available		
Viscosity / kinematic:	No data available		
Flow time:	No data available		
Water solubility:	completely miscible		
Solubility in other solvents No data available			
Dissolution rate:	No data available		
Partition coefficient n-octanol/water:	No data available		
Dispersion stability:	No data available		
Vapour pressure:	No data available		
Vapour pressure:	No data available		
Density:	1,03000 g/cm³		
Bulk density:	No data available		
Relative vapour density:	No data available		
Particle characteristics:	No data available		
9.2. Other information			
Information with regard to physical hazard classes	s		
Sustaining combustion:	No data available		
Oxidizing properties			
Not oxidising.			
Other safety characteristics			
Solvent separation test:	No data available		
Solvent content:	0		
Solid content:	0		
Evaporation rate:	No data available		
Further Information			
Corrosive to metals.			

SECTION 10: Stability and reactivity

10.1. Reactivity

Corrosive to metals.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Alkali (lye)

The product develops hydrogen in an aqueous solution in contact with metals. Amines, Ammonia, Alcohols, Alkali metals, Hydrogen peroxide Copper, Combustible solids, Solvent, Alkaline earth metal, mercury (Hg).

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Cellulose Metal



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The product develops hydrogen in an aqueous solution in contact with metals.

10.6. Hazardous decomposition products

In case of fire may be liberated:

SECTION 5: Firefighting measures

Further information

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicocinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

Acute toxicity

Harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
7697-37-2	nitric acid					
	inhalation vapour	ATE 2,6	5 mg/kg			
7664-39-3	hydrofluoric acid %	hydrofluoric acid %				
	oral	ATE	5 mg/kg			
	dermal	ATE	5 mg/kg			
	inhalation vapour	ATE	0,5 mg/l			
	inhalation dust/mist	ATE	0,05 mg/l			
	inhalation (1 h) gas	LC50 ppm	1610	Rat		
7446-08-4	selenium dioxide					
	oral	LD50 mg/kg	68,1	Rat	Indian Journal of Pharmacology 23(3):153	Method not specified GLP compliance: not
	inhalation vapour	ATE	3 mg/l			
	inhalation dust/mist	ATE	0,5 mg/l			

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Following ingestion Gastric perforation

Mucous membrane irritation in the mouth, throat, esophagus and gastrointestinal tract.

Irritating to respiratory system.

Pulmonary oedema

see also Section 4

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.



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STOT-repeated exposure				
Based on available data, the classif	ication criteria are not met.			
Aspiration hazard				
Based on available data, the classif	ication criteria are not met.			
Specific effects in experiment on an a	nimal			
There are no data available on the	preparation/mixture itself.			
Additional information on tests				
There are no data available on the	preparation/mixture itself.			
Practical experience				
There are no data available on the preparation/mixture itself.				
11.2. Information on other hazards				
Other information				
There are no data available on the	preparation/mixture itself.			
Further information				
T I I I I I I I				

There are no data available on the preparation/mixture itself.

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the preparation/mixture itself.



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CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
7697-37-2	nitric acid							
	Acute fish toxicity	LC50 mg/l	1559	96 h	Topeka shiner	Environmental Toxicology and Chemistry,	other: ASTM E729-26	
	Fish toxicity	NOEC	268 mg/l	30 d	juvenile Topeka shiner and with juvenile Fathead m	Study report (2009)	Growth tests estimated the test chemical	
	Algae toxicity	NOEC mg/l	> 419	10 d	several benthic diatoms; see results	Marine Biology 43:307-315 (1977)	Ten cultures of benthic diatoms were iso	
	Acute bacteria toxicity	(EC50 mg/l)	> 1000	3 h	Activated sludge	Study report (2008)	OECD Guideline 209	
7446-08-4	selenium dioxide							
	Acute fish toxicity	LC50	3,3 mg/l	96 h	Morone saxatilis	Publication (1992)	other: ASTM methods for acute testing	
	Acute algae toxicity	ErC50 mg/l	44,24	72 h	Pseudokirchneriella subcapitata	Study report (1992)	OECD Guideline 201	
	Acute crustacea toxicity	EC50 mg/l	0,55	48 h	Daphnia magna	Environmental Toxicology and Chemistry 1	other: EPA-660/3-75-00 9: Methods for Acu	
	Fish toxicity	NOEC mg/l	0,01	258 d	Lepomis macrochirus	Environmental Toxicology and Chemistry 1	Year long study investigating the effect	
	Algae toxicity	NOEC mg/l	0,995	10 d	Anabaena flos-aquae	Archives of Environmental Contamination	10-d experiment on the toxicity of selen	
	Crustacea toxicity	NOEC mg/l	0,07	28 d	Daphnia magna	Department of Entomology, Fisheries and	OECD Guideline 211	
	Acute bacteria toxicity	(EC50 mg/l)	> 3200	3 h	activated sludge of a predominantly domestic sewag	Study report (2012)	OECD Guideline 209	

12.2. Persistence and degradability

There are no data available on the preparation/mixture itself.

12.3. Bioaccumulative potential

There are no data available on the preparation/mixture itself.

BCF

CAS No	Chemical name	BCF	Species	Source
7446-08-4	selenium dioxide	755	periphyton	Environmental Pollut

12.4. Mobility in soil

There are no data available on the preparation/mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

There are no data available on the preparation/mixture itself.

12.6. Endocrine disrupting properties



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This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Harmful effect due to pH shift.

Forms corrosive mixtures with water even if diluted.

Further information

Do not allow to enter into surface water or drains. Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Send to a physico-chemical treatment facility under observation of official regulations.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

SECTION 14: Transport information

Land transport (ADR/RID)				
14.1. UN number or ID number:	UN 3264			
14.2. UN proper shipping name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (nitric acid)			
14.3. Transport hazard class(es):	8			
14.4. Packing group:	II			
Hazard label:	8			
Classification code:	C1			
Special Provisions:	274			
Limited quantity:	1 L			
Excepted quantity:	E2			
Transport category:	2			
Hazard No:	80			
Tunnel restriction code:	E			
Inland waterways transport (ADN)				
14.1. UN number or ID number:	UN 3264			
14.2. UN proper shipping name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (nitric acid)			
14.3. Transport hazard class(es):	8			
14.4. Packing group:	ll			
Hazard label:	8			
Classification code:	C1			
Special Provisions:	274			
Limited quantity:	1 L			
Excepted quantity:	E2			
Marine transport (IMDG)				
14.1. UN number or ID number:	UN 3264			
14.2. UN proper shipping name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (nitric acid)			
14.3. Transport hazard class(es):	8			
14.4. Packing group:	II			



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Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Segregation group:	8 274 1 L E2 F-A, S-B 1 - acids		
Air transport (ICAO-TI/IATA-DGR)			
14.1. UN number or ID number: 14.2. UN proper shipping name: 14.3. Transport hazard class(es): 14.4. Packing group: Hazard label: Special Provisions: Limited quantity Passenger: Passenger LQ: Excepted quantity: IATA-packing instructions - Passenger: IATA-packing instructions - Cargo: IATA-max. quantity - Cargo: 14.5. Environmental hazards	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (nitric acid) 8 II 8 A3 A803 0.5 L Y840 E2		
ENVIRONMENTALLY HAZARDOUS:	Νο		
14.6. Special precautions for user Warning: strongly corrosive. 14.7. Maritime transport in bulk according to not applicable			
SECTION 15: Regulatory information			
15.1. Safety, health and environmental regul	ations/legislation specific for the substance or mixture		
EU regulatory information Restrictions on use (REACH, annex XVII): Entry 3, Entry 75			
National regulatory information			
Employment restrictions: Water hazard class (D): Skin resorption/Sensitization:	Observe restrictions to employment for juveniles according to the 'juv work protection guideline' (94/33/EC). 1 - slightly hazardous to water Permeates easily through outer skin and causes poisoning.	enile	
15.2. Chemical safety assessment Chemical safety assessments for substances in this mixture were not carried out.			

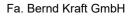
SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,9.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods





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IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)