Safety Data Sheet

According to 1907/2006/EC, article 31

Issue: 5 Revision: 01.02.2022
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SECTION 1:Identification of the substance/mixture and oft the company/undertaking

1.1 Trade name:

Silberprobiersäure/Test acid for Silver

Restricted to professional users

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

Application of the substance / the preparation	See trade name / according labelling under 1.1 Testing reagent for laboratory and precious metal trading
Uses advised against of the substance / the preparation	others all ways of spraying applications

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier

SK-Chemie Stefan Köhler
Vertrieb Chem.-Techn. Spezial-Produkte
Stefan Köhler
Bergweg 5
D-56340 Dachsenhausen

Phone: +49 (0) 6776 958 931
Telefax: +49 (0) 6776 958 932
E-Mail: info@skchemie.de
Webseite: http://www.skchemie.de

1.4 Emergency telephone number

Poison Info Center of the University Mainz
24 houres service. Languages: german/english

Phone: +49 (0) 6131 / 19240

1.5 Further informations obtainable from

SK-Chemie Stefan Köhler, Contact datas see above

SECTION 2: Hazards information

*2.1 Classification of the product/mixture according to Regulation (EC) No 1272/2006

Regulation (EC) No 1272/2008:
Ox. Liq. 3; H272 , Met. Corr. 1; H290 , Carc. 1B; H350 , Muta 1B; H340 , Repr. Cat. 1B; H360FD , Acute Tox. 3; H331 , Acute Tox. 4; H302 , STOT RE 1; H372 , Skin Corr. 1A; H314 , Eye Dam. 1; H318, Resp. Sens. 1; H334 , Stot. SE 3; H335 , Aquatic Chronic. 1; H410

2.2 Labelling of the product/mixture according to Regulation (EC) No 1272/2006

Hazard pictograms:

GHS03, GHS05, GHS06, GHS08, GHS09

Signal word:	Danger	
Hazard statements:	H272	May intesify fire; oxidiser.
	H290	May be corrosive to metals.
	H302	Harmful if swallowed.
	H314	Causes severe skin burns and eye damage.
	H331	Toxic if inhaled.
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

	H335 May cause respiratory irritation. H340 May cause genetic defects. H350 May cause cancer H360FD May damage fertility or the unborn child H372 Causes damage to organs through prolonged or repeated exposure H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements:	P201 Obtain special instructions before use. P260 Do not breathe vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+330+331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.. P308+313 IF exposed or concerned: Get medical advice/attention. P501 Dispose of contents/container in accordance to local/regional/national/international regulations.
Additional information:	EUH071 Corrosive to the respiratory tract.

2.3 Other hazards

Results of PBT- and vPvB assesment
PBT: not applicable.
vPvB: not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterization

Mixture of potassium dichromate and nitric acid

3.2 Hazardous ingredients

Stoff:	EINECS:	CAS:	INDEX-No.:	REACH-No.:	Concentration:	Classification: EC 1272/2008(CLP):
Nitric acid	231-714-2	7697-37-2	007-004-00-1	01-2119487297-23-xxxx	25 - 50 Gew.-%	Ox. Liq. 3; H272 Met. Corr. 1; H290 Skin Corr. 1A; H314 Eye Dam. 1; H318 Acut Tox 3; H331
Potassium dichromate	231-906-6	7778-50-9	024-002-00-6		2,5 - 10 Gew.-%	Carc. 1B; H350 Muta 1B; H340 Repr. 1B; H360FD Ox. Sol. 2; H272 Acute Tox. 4; H312 Acute Tox. 3; H301 Acute Tox. 2; H330 Skin Corr. 1B; H314 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT RE 1; H372 Aquatic Acute 1; H400 Aquatic Chronic. 1; H410

(Full text of H-phrases: see section 16.)

3.3 Additional informations

SVHC: 7778-50-9 potassium dichromat

SECTION 4: First aid measures

4.1 Description of first aid measures

General informations Remove any clothing soiled by the product immediately.
Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident. Remove breathing equipment only after removing contaminated clothing.
In case of irregular breathing or respiratory arrest provide artificial respiration.
In case of unconsciousness place and transport in stable side position.

After inhalation Fresh air or oxygen; seek medical advice.
In case of unconsciousness place and transport in stable side position.

After skin contact Remove any clothing soiled by the product immediately.
Wash off with plenty of water. Seek medical advice.

After eye contact After contact with the eyes, immediately rinse the open eyes 10 to 15 minutes under running water. Seek medical advice (oculist).

After swallowing Immediately rinse the mouth with water for several times without swallowing the water. Then let drink plenty of water. No administration in cases of unconsciousness or convulsions. Do not induce vomiting. Seek medical advice.

Self protection First responders: take care of self-protection

4.2 Most important symptoms and effects, both acut and delayed

Symptoms: Breathing difficulties, allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 General informations

Extinguishing measures in accordance to the surrounding conditions. The product itself does not burn.
To protect persons and to cool endangered containers using water spray. Remove undamaged containers from the danger zone if possible without risk.

5.2 Extinguishing media:

suitable: Water-spray, Carbon dioxid (CO_2), foam, extinguishing powder

Unsuitable: Water with full jet

5.3 Special hazards arising from the substance or mixture

In case of fire, the following can be released: Nitrogen oxides (NOx).
Has a fire-promoting effected due to release of oxygen.

5.4 Advice for firefighters

Protective equipement

Wear full protective suit with self-contained breathing apparatus.

Additional informations

Collect contaminated fire fighting water separately. It must not enter the sewage system

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipement and emergency procedures

Ensure adequate ventilation. Wear protective equipment. Remove persons to safety. Keep away unprotected persons.

6.2 Enviroment precautions

Inform respective authorities in case of seepage into water coures or sewage system. Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, fused silica, acid-binder, universal-binder). Contaminated material has to be disposed as waste (see section 13). Avoid generations of dusts. Clean contaminated surface thoroughly. Ensure adequate ventilation.

6.4 Referenco to other sections

See section 7 for information on safe handling
See section 8 for inormation on personal protection equipement
See section 13 for disposal infomation

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Store locked up. Keep containers/bottles tightly closed. Open and handle container with care. Ensure good ventilation/exausting at the workplace. Do not breathe vapours/aerosols. Avoid contact with eyes and skin.

Technical measures
Ensure good ventilation.

Information about fire- and expolsion protections
Usual measures for preventive fire protection.

Additional information
None

7.2 Conditions for safe storage including any incompatibilities

Technical measures and conditions
Ensure good ventilation.

Packaging materials
Keep containers/bottles tightly closed. Use original containers/bottles only.

Requirements to be met by storerooms and receptacles
Store in cool, dry conditions**.** Observe official regulations on storage and handling of water harzardous substances.

Information about storage in one common storage facility
Keep away from combustible materils. Keep away from foodstuffs, beverages and feed.

Further information about storage conditions
Keep away from sources of ignition and heat.

Storage class: 6.1 B non flammable, toxic subsances (TRGS 510 German guideline)

7.3 Specific end use(s)

See directions for use.

SECTION 8: Exposure controls/personal protection

*8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

Occupational exposure limits:

Substance:	CAS:	Qrigin:	Occupational exposure limit value	Peak:	Remarks:
Nitric acid	7697-37-2	GESTIS International Limit Values (Nitric acid)	1 ppm bzw. 2,6 mg/m³	-	EU: European Union 13,16

Common exposure limits:

Substance:	CAS:	Qrigin:	Occupational exposure limit value	Peak:	Remarks:
Potassium dichromate	7778-50-9	GESTIS International Limit Values (Potassium dichromate)	0,05 mg/m³ Cr (ES) bzw. 0,005 mg/m³ (SV)	0,015 mg/m³ (SV)	ES: Spain. SV: Sweden.

Additional information: The lists valid during the making were used as basis.

DNELs

7697-37-2 nitric acid

Inhalative DNEL (worker) 2,6 mg/m^3 (Acute - local-effects)
DNEL (worker) 2,6 mg/m^3 (Long-term - local-effects)
DNEL (population) 1,3 mg/m^3 (Acute - local-effects)
DNEL (population) 1,3 mg/m^3 (Long-term - local-effects)

7778-50-9 potassium dichromate

Inhalative DNEL (worker) 0,028 mg/m^3 (Long-term-local-effects)

*8.2 Exposure controls

General protective and hygiene measures

Technical measures and the application of suitable work processes should be given priority over the use of personal protective equipment.
The personal protective equipment must be defined depending on the quantitites and concentration of hazardous substances in the workplace. (Risk assessment)
Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and the end of work. Store protective clothing separately. Avoid contact with eyes and skin. Do not breathe vapours/aerosols.

Personal protective equipement

Minimum standards for protective measures when handling working substances are listed in TRGS 500.

Breathing equipment

Continuously respected workplace exposure limits and other limits respiratory protection normally is not required.
Exceeding the minimum triggering level --> breathing filter apparatus
In case of brief exposure or low pollution use breathing filter apparatus. (Face mask according to DIN EN 136) with filter type E(P2) or ABEK(P2) (DIN EN 14387). In case of intensive or longer exposure use breathing apparatus that is independent of circulating air (according DIN EN 137).

Protection of hands

The gloves must comply with DIN EN 374-3 : match of 2003.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Gloves made of the following materials are suitable for permanent contact:
Recommended material thickness: ≥ 0.7 mm fluororubber (Viton), value for permeation: Level ≥ 480 min
(e.g. KCL 890 Vitoject®, Fa. KCL GmbH, D-36124 Eichenzell)
or
Recommended material thickness: ≥ 0.5 mm butyl rubber, value for permeation: level ≥ 480 min
(e.g. KCL 897 Butoject®, Fa. KCL GmbH, D-36124 Eichenzell)

Gloves made of the following materials are suitable for splash protection:
Recommended material thickness: ≥ 0.6 mm natural rubber (latex), value for permeation: level ≥ 120 min.
(e.g. KCL 706 Lapren®, Fa. KCL GmbH, D-36124 Eichenzell)

Eye protection
Tightly fitting safety glasses according DIN EN 166.

Body protection
Protective clothing in accordance with DIN EN 13688 : 2013. Chemical resistant safety shoes or boots according DIN EN 13832-1 : 2006. If skin contact is possible, wear inpenetrableprotective clothing against this substance according DIN EN 13034:2005.
Protective clothing in accordance with DIN EN 13688 : 2013. Chemical resistant safety shoes or boots according DIN EN 13832-1+2 : 2006.

Environmental exposure controls
see section 7. There are no further action is required.

Consumer exposure control
see section 7. There are no further action is required.

8.3 Exposure scenario
none

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form:	liquid
Color:	orange clear
Odour:	pungent

Safety relevant basic data

	Parameter	Value	Unit	Remark
Density:	at 20°C	approx. 1,3	g/cm³	
pH:	undiluted	< 2		
Melting point / -range:				No data available
Initial boiling point/boiling range		118	°C	literature value for nitric acid 53 %
Flashpoint				not applicable
Ignition properties:				not applicable
Upper ignition limits				not applicable
Upper igniton limits				not applicable
Explosiv properties				not explosive
Upper explosive limits				not applicable
Upper explosive limits				not applicable
Auto-ignition temperature				not applicable
Decomposition temperature				No data available
Oxidising properties				oxidising
Vapour pressure	at 20°C	approx. 118	hPa	literature value for nitric acid 53 %

Vapour density	No data available
Evaporation rate	No data available
Solubility in water	completely miscible
Partition coefficient n-octanol/water	No data available
Viscosity:	No data available
Value of solvents:	
- organic solvents	0,0 %

9.2 Additional information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Reaction with: Alkalis, reduction agents

10.2 Chemical Stability
No decomposition if used according to the specifications .

10.3 Possibility of hazardous reactions
Reaction with: Alkalis, reduction agents
Reacts with metals forming hydrogen.

10.4 Conditions to avoid
Heating

10.5 Incompatible materials
Hazardous decomposition in case of contact with incompatible substances as alkalis, reducing agents.
Reacts with metals forming hydrogen.

10.6 Hazardous decomposition products
In case of fire, the following can be released: Nitrogen oxides (NOx).

10.7 Additional information
No further relevant information available.

SECTION 11: Toxicological information

*11.1 Information on toxicological effects
No data available for the mixture.

Acute Toxicity
Toxic if inhaled
Nitric Acid
ATE (Acute Toxicity Estimates)
Acute Toxicity inhalative LC50/4h: 5 mg/l (rat)

Substance:	CAS.:	Toxilogical ngaben
Potassium dichromate	7778-50-9	Acute Toxicity, oral LD50: 90,5 - 168 mg/kg (rat)* (OECD 401) Acute Toxicity, dermal LD50: 1170 mg/kg (rat) Origin: IUCLID Acute Toxicity, inhalative LC50/4 h Aerosol: 0,083 – 0,099 mg/l (rat)* (OECD 403)
Nitric acid	7697-37-2	Acute Toxicity, inhalative LC50/4 h: > 2,65 mg/l (rat) (OECD 403)

* Indication of External MSDS

11.2 Primary irritant effect

On the skin
Causes severe skin burns and eye damage.
On the eye
Causes serious eye damage.
After inhalation
Corrosive to the respiratory tract.

11.3 Sensitisation

Sensitization possible by inhalation.
Sensitization possible by skin conatct.

11.4 Specific target-organ toxicity

Single exposure – based on available data, the classification criteria are not met.
Repeated exposure - damages the organs in case of prolonged or repeated exposure. (K-dichromate).

11.5 CMR-effects

Carcinogenity
May cause cancer.
Mutagenicity
May cause genetic defects..
Reproductiv toxicity
May damage fertility or the unborn child.

11.6 General remarks

Even at a poisoning suspected medical examination is required.

Practical experience
There is no information available.

Other observations
There is no information available.

Additional information
here are no data on the preparation / mixture itself.

SECTION 12: Ecological information

12.1 Information on toxicological effects

No data available for the mixture.

Ecotoxicity

Substance:	CAS:	Ecotoxicity
Nitric acid	7697-37-2	Acute toxicity to crustacea LC50: 180 mg/l/48 h [Crangon crangon.]
Potassium dichromate	7778-50-9	Acute Fish toxicity LC50: 51,1 mg/l/96 h [Pimephales promelas.] Acute Fish toxicity LC50: 51,1 mg/l/96 h [Carassius auratus.] Acute Daphnientoxicity LC50: 7,18 mg/l/48 h [Daphnia magna.] Acute Daphnientoxicity EC50: 0,12 mg/l/48 h [Daphnia magna.] Toxicity to algae EC 50: 0,61 mg/l/72 h Toxicity to algae EC 50: 0,6 mg/l/96 h [Gracilaria tenuistipitata.]

Data is from the Gestis substance database

12.2 Persistence and degradability

Methods of the determination of biodegradability are not applicable on inorganic substances.

12.3 Bioaccumulative potential
No further relevant information available

12.4 Mobility in soil
No further relevant information available

12.5 Results of PBT- and vPvB-assessment
Not applicable

12.6 Other advers effects
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Toxic for fish.

12.7 Additional ecological information
Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

12.8 Additional information
Water hazard class 3 (German regulation) (Self-assessment): extremely hazardous for water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Chemicals must be disposed of in compliance with the respectiv national regulations.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Waste disposal key number
Since 01.01.1999 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.
Our suggestion:
06 01 06* other acids
or
16 05 07* discarded inorganic chemicals consisting of or containing hazardous substances.

Uncleaned packagings
Disposal must be made according to official regulations. (Hand in at collection point for hazardous substances)

SECTION 14: Transport informations

14.1 UN-Number
ADR, IMDG, IATA UN 2922

14.2 Proper shipping name
ADR: 2922 CORROSIV LIQUID, TOXIC, N.O.S. (NITRIC ACID, potassium dichromate) ENVIROMENTALLY HAZARDOUS
IMDG: CORROSIV LIQUID, TOXIC, N.O.S. (NITRIC ACID, potassium dichromate), MARINE POLLUTANT
IATA: CORROSIV LIQUID, TOXIC, N.O.S. (NITRIC ACID, potassium dichromate),

14.3 Transport hazard class(es)
ADR:

Class: 8 (CT1) Corrosive substances
Label: 8 + 6.1
IMDG, IATA:
Class: 8 Corrosive substances
Label: 8 + 6.1

14.4 Packaging group

ADR, IMDG, IATA: II

14.5 Enviromental hazards

Product contains enviromental hazards: Potassium dichromate
Marine pollutant: yes Symbol (Fish and tree)
Special marking (ADR): Symbol (Fish and tree)

14.6 Special precautions for user

Warning: corrosive substances
Danger code (Kemler): 86
EMS-Number: F-A, S-B
Segregation groups: Acids

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

Not applicable

14.8 Additional information

ADR:
Limited quantites (LQ): 1 L
Exepted quantities (EQ): Code E2 Maximum quantity per inner packaging: 30 ml
Maximum quantity per outer packaging: 500 ml

IMDG:
Limited quantities (LQ): 1 L
Expected quantites (EQ): Code: E2 Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation": UN2922 CORROSIV LIQUID, TOXIC, N.O.S. (NITRIC ACID, potassium dichromate) ENVIROMENTALLY HAZARDOUS, 8 (6.1), II

SECTION 15: Regulatory information

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

EU-Regulations

1999/13/EG on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations
Not relevant

2037/2000/EG on Substances which damage the ozone layer
Not relevant

850/2004/EG on Persistent Organic Pollutants
Not relevant

689/2008/EG on the export and import of dangerous chemicals
Not relevant

648/2004/EG on detergents
Not relevant

1148/2019/EU on the marketing and use of explosives percursors
Distribution restrictions and conditions must be observed. No distribution to private persons.

Substances of very high concern (SVHC) according 1907/2007/EG , Article 57
7778-50-9 Potassium dichromate

National regulations
Must be observed

15.2 Information about limitation of use
Employment restrictions concerning young persons must be observed.
Employment restrictions concerning pregnant and nursing women must be observed.
Restricted to professional users.

15.3 Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other informations

*16.1 Hazard statements under section 3
Complete wording of hazard statements and risk phrases (H-phrases) mentioned in section 3.
These phrases refer to the constituents. The labelling for this product is stated in section 2.

H272 May intesify fire; oxidiser.
H290 May be corrosive to metals.
H301 Toxic if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H340 May cause genetic defects.
H350 May cause cancer.
H360FD May damage fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated.
H400 Very toxic to aquatic life.
H410 May damage fertility or the unborn child.

16.2 Training advice
It is necessary to ensure that employees understand the toxicity hazard.
Users of breathing apparatus must be trained.

16.3 Recommended restriction(s) of application
See section 1.

16.4 Additional information
These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

16.5 Replacement documentaion
Replaces issue dated 25.2.2016 (Issue 4.1)

16.6 Origin of datas

Information taken from reference works and literature as well as the instructions of the supplier.

16.7 Departement issuing MSDS

See section 1.5: SK-Chemie Stefan Köhler, Contact: Stefan Köhler

16.8 Abbreviations and acronymes

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organization
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
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINECS: European List of Notified Chemical Substances
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted no-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
SVHC: Substance of Very High Concern
PBT: **P**ersistent, **B**ioakkumulierend, **T**oxisch
vPvB: very Persistent and very Bioaccumulative
Ox. Liq. 3: Oxidising Liquids, Hazard Category 3
Ox. Sol. 2: Oxidising Solids, Hazard Category 2
Met. Corr. 1: Corrosive to metals, Hazard Category 1
Acute Tox. 2: Acute toxicity, Hazard Category 2
Acute Tox. 3: Acute toxicity, Hazard Category 3
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Corr. 1A: Skin corrosive/irritation, Hazard Category 1A
Skin Corr. 1B: Skin corrosive/irritation, Hazard Category 1B
Eye Dam. 1: Serious eye damage/irritation, Hazard Category 1
Resp. Sens. 1: Sensitisation – Respiration, Hazard Category 1
Skin Sens. 1: Skin – Sensitisation, Hazard Category 1
Muta. 1B: Germ cell mutagenicity, Hazard Category 1
Carc. 1B: Carcinogenicity, Hazard Category 1
Repr. 1B: Reproductiv toxicity, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1
Aquatic Acute 1: Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment – Chronic Hazard, Category 2

* Data compared to the previous issue altered.