1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance or mixture:

Product name	:	G5200b
Additional identification	:	G5200B Activator, G5200B Improved, Quicksilver Activator Next Generation, Silverplate Activator K
REACH Registration No	:	Registration numbers of the individual components: see section 3.2, if applicable.

1.2 Use of the substance/mixture:

Identified relevant uses	:	Activator solution
Uses advised against	:	Do not use for products which come into direct contact with food stuffs. Do not use for products which come into direct contact with the skin. Do not use for private purposes (household).

1.3 Company/undertaking identification

Agfa-Gevaert Ltd.
Vantage West
Great West Road
Brentford, Middlesex TW8 9AX
United Kingdom
Tel. : +44 (0)20 8 231 4616
Fax : +44 (0)20 8 231 4951
E-mail: electronic.sds@agfa.com

1.4 Emergency telephone

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Regulation(EC) No 1272/2008 (CLP)	
• Hazard classes	Skin corrosion
Hazard categories	Category 1B
Hazard statements	H314
Classification procedure	According the classification criteria of CLP Regulation (EC) No 1272/2008.
• Hazard classes	Serious eye damage
Hazard categories	Category 1
Hazard statements	H318
Classification procedure	According the classification criteria of CLP Regulation (EC) No 1272/2008.
• Hazard classes	Skin sensitizer
Hazard categories	Category 1
Hazard statements	H317
Classification procedure	According the classification criteria of CLP Regulation (EC) No 1272/2008.

67/548/EEC or 1999/45/EC	
Hazards characteristics	Corrosive

R-phrase(s)	R34, R43

Full text of each relevant R and H phrase is listed in section 16.

2.2 Label elements:

Hazardous components which must be listed on the label :

- CAS-No. : 1310-58-3 Potassium hydroxide
  111-40-0 Diethylenetriamine

Symbol(s)

GHS05

GHS07

Signal word	:	DANGER	
Hazard statements	:	H314	Causes severe skin burns and eye damage.
		H317	May cause an allergic skin reaction.
Precautionary statements: prevention	:	P260	Do not breathe dust/fume/gas/mist/vapours/spray.
		P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements: response	:	P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
		P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
		P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.
		P308+P313	IF exposed or concerned: Get medical advice/attention.

2.3 Other hazards:

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture related information:

Aqueous activator solution, mainly consisting of:

3.2 Hazard ingredients:

The hazard and labelling information in this section is that of the individual ingredients. The corresponding information relative to this product as supplied is given in section 2.1.

Hazardous components in the meaning of regulation(EC) No 1272/2008 (CLP)

- Potassium hydroxide Concentration [%] : 2.0 - 5.0
  CAS-No. : 1310-58-3

Index-No. : 019-002-00-8
EINECS-No. : 215-181-3
REACH Registration No : 01-2119487136-33-XXXX
Hazard classes : Acute toxicity Oral, Skin corrosion, Serious eye damage, Corrosive to metals.
Hazard categories : Category 4, Category 1A, Category 1, Category 1
Hazard statements : H302, H314, H318, H290

- Diethylenetriamine Concentration [%] : 1.0 - 5.0

CAS-No. : 111-40-0
Index-No. : 612-058-00-X
EINECS-No. : 203-865-4
REACH Registration No : 01-2119473793-27-0002
Hazard classes : Acute toxicity Oral, Acute toxicity Dermal, Acute toxicity Inhalation, Skin corrosion, Skin sensitizer, Specific target organ toxicity - single exposure
Hazard categories : Category 4, Category 3, Category 2, Category 1B, Category 1, Category 3
Hazard statements : H302, H311, H330, H314, H317, H335

Hazardous components in the meaning of 67/548/EEC or 1999/45/EC

- Potassium hydroxide Concentration [%] : 1.0 - 5.0

CAS-No. : 1310-58-3
Index-No. : 019-002-00-8
EINECS-No. : 215-181-3
Symbol(s) : C
R-phrase(s) : R22, R35

- Diethylenetriamine Concentration [%] : 1.0 - 5.0

CAS-No. : 111-40-0
Index-No. : 612-058-00-X
EINECS-No. : 203-865-4
Symbol(s) : C
R-phrase(s) : R21/22, R34, R43

Components with a community workplace exposure limit

- Potassium hydroxide
- Diethylenetriamine

3.3 Remark:

Full text of each relevant R and H phrase is listed in section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures:

Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact : Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.
Ingestion : Rinse mouth with plenty of water. Seek medical advice.
Inhalation : Not relevant.

4.2 Most important symptoms and effects:

Symptoms : In normal conditions of use, no adverse effects are expected.

4.3 Indication of immediate medical attention and special treatment needed:

General advice	:	Call a physician immediately.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	:	All extinguishing media are suitable.
Extinguishing media which must not be used for safety reasons	:	Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture:

Specific hazards during fire fighting	:	Do not use a solid water stream as it may scatter and spread fire.
Further information	:	Product is not combustible.Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.3 Advice for fire-fighters:

Special protective equipment for fire-fighters	:	Regular fire intervention clothes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions	:	See section : Exposure controls / personel protection. Cleanup personnel must use appropriate personal protective equipment.
Additional advice	:	Wash away residues with plenty of water. Observe normal precautions when handling chemicals.

6.2 Environmental precautions:

Environmental precautions	:	For waste disposal see section 13. The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and material for containment and cleaning up:

Methods for cleaning up	:	Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.

6.4 Reference to other sections:

For waste disposal see section 13.
For personal protection see section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Advice on safe handling	:	Prevent product from diffusing.

Hygiene measures	:	Observe normal precautions when handling chemicals.Keep away from foodstuffs, drinks and tobacco.Employees should wash their hands and face before eating, drinking, or using tobacco products.
Advice on protection against fire and explosion	:	No special protective measures against fire and explosion required.Non-combustible (aqueous solution).

7.2 Conditions for safe storage:

Requirements for storage areas and containers	:	Keep container tightly closed. Protect from direct sunlight.
Advice on common storage	:	Store away from strong acids.

7.3 Specific end use:

This substance is used only by trained professionals under restricted conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Components with occupational exposure limits rsp. biological occupational exposure limits requiring monitoring:

8.1.1.1 Occupational exposure limits:

Air limit values

- Potassium hydroxide CAS-No.: 1310-58-3

Basis	Revision Date	Value	Type
EH40 WEL	2005	2 mg/m3	STEL

- Diethylenetriamine CAS-No.: 111-40-0

Basis	Revision Date	Value	Type
EH40 WEL	2007	4.3 mg/m3	TWA

Biological limit values

We are not aware of any national exposure limit.

8.1.1.2 Additional exposure limits under the conditions of use:

No other exposure limits applicable.

8.1.1.3 DNEL/DMEL and PNEC-values:

DNEL

No Chemical Safety Report performed. No DNEL/DMEL value determined.

PNEC

No Chemical Safety Report performed. No PNEC value determined.

8.2 Exposure controls:

Occupational exposure controls:

➢ **Instruction measures to prevent exposure:**

Employees should wash their hands and face before eating, drinking, or using tobacco products. Keep away from foodstuffs, drinks and tobacco.

➢ **Technical measures to prevent exposure:**

Ensure adequate ventilation.

➢ **Personal measures to prevent exposure:**

Respiratory protection	:	Under normal conditions of use, respirator protection is not required. Under normal conditions of use, respirator protection is not required. If respirators are used, institute a program in accordance with OSHA standard 29CFR1910.134 or Canada CSA Standard Z94.4-02.
Hand protection	:	Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: butylrubber (thickness >= 0.70 mm, breakthrough time > 480 min).(EN 374). The use of protective gloves should conform to the specifications of EC directive 89/686/EC and the resultant standard EN374. Additional advice: The data are based on own tests, literature data and information of glove manufacturers or derived from similar substances. Because several factors may influence these properties (eg temperature), one should take into account the fact that the life of a chemical gloves in practice may be considerably shorter than indicated by the permeation test. The high diversity of types of use are prescribed by the manufacturer.
Eye protection	:	Safety goggles. EN 166.
Body Protection	:	Safety clothes.
Personal protective equipment	:	Observe normal precautions when handling chemicals.

Environmental exposure controls:

Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material. Do not release into drain. Collect for removal by a licensed waste contractor.

EU Directive	Status
European Directive 2000/60/EC (water) European Directive 1996/62/EC (air)	On list not on list

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties:

9.1.1 Appearance:

State of matter	:	Liquid
Form	:	Liquid.
Color	:	Yellow
Odor	:	Alcoholic odour
Odor threshold	:	No data available

9.1.2 Important health, safety and environmental information:

pH (25 °C)	:	> 13.0
Melting point/range	:	< 0 °C
Boiling point/range	:	> 100 °C
Flash point	:	93 °C Not combustible.
Autoignition temperature	:	Not applicable
Vapour pressure (20 °C)	:	23.00 hPa
Relative vapour density	:	No data available
Relative density (20 °C)	:	1.075
Solubility/qualitative	:	Miscible with water at all ratios.
Partition coefficient (n-octanol/water)	:	Not applicable
Lower explosion limit	:	Not applicable
Upper explosion limit	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not flammable.

9.2 Other information:

Solubility	:	completely soluble
VOC content	:	Not applicable
Ignition temperature	:	no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity:

Reactivity : Reactivity is not to be expected under normal conditions of temperature and pressure.

10.2 Chemical stability:

Stability : The product is stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions:

Hazardous reactions : Reacts with acids.

10.4 Conditions to avoid:

Conditions to avoid : Avoid contact with strong acids. Remove all chemicals and rinse the processing tanks thoroughly with water before using any cleansing products.

10.5 Materials to avoid:

Materials to avoid : Store away from strong acids.

10.6 Hazardous decomposition products:

Hazardous decomposition products : None

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity data specific for individual ingredients in their pure state:

Toxicokinetics, metabolism and distribution:

Acute effects (toxicity tests):

➢ **Acute Toxicity**

- Potassium hydroxide

	Effect dose	Species	Value	Method
Acute oral toxicity	LD50	rat	273 mg/kg	Literature.
Acute dermal toxicity	No data available			
Acute inhalation toxicity	No data available			

- Diethylenetriamine

	Effect dose	Species	Value	Method
Acute oral toxicity	LD50	rat	1,620 mg/kg	OECD Test Guideline 401
Acute dermal toxicity	LD50	rabbit	672 mg/kg	Literature.
Acute inhalation toxicity	LC50	rat	0.3 mg/l/ 4 h	OECD Test Guideline 403

➢ **Specific target organ toxicity (STOT):**

- Potassium hydroxide

Specific effects	Affected organs
Exposure to the substance can cause chemical burns. The substance works corrosive on the eyes, the skin and the respiratory tract. If swallowed, corrosive. Inhalation may cause lung inflammation and/or pulmonary edema, only after symptoms of corrosive effects on the mucous membranes of eyes and/or upper respiratory tract. In severe cases chance of fatality.	

- Diethylenetriamine

Specific effects	Affected organs
May cause irritation of respiratory tract. Pulmonary edema after damage respiratory tract.	

➢ **Irritant and corrosive effects:**

- Potassium hydroxide

	Exposure time	Species	Evaluation	Method
Primary irritation to the skin		rabbit	Corrosive	Literature.
Irritation to eyes		rabbit	Causes serious eye irritation.	OECD Test Guideline 405
	Corrosive to eyes.			

- Diethylenetriamine

	Exposure time	Species	Evaluation	Method
Primary irritation to the skin		rabbit	Causes burns.	Literature.
Irritation to eyes		rabbit	Causes burns.	Literature.

➢ **Irritation to the respiratory tract:**

- Potassium hydroxide

No data available

- Diethylenetriamine

May cause irritation of respiratory tract.

➢ **Sensitisation:**

- Potassium hydroxide

Species	Evaluation	Method
guinea pig	Based on available data, the classification criteria are not met.	Literature.

- Diethylenetriamine

Species	Evaluation	Method
mouse	sensitising effects	Mouse local lymphoma assay.

➢ **Aspiration hazard:**

No data available

Sub-acute, sub-chronic and chronic toxicity

➢ **Repeated dose toxicity:**

- Potassium hydroxide

No data available

- Diethylenetriamine

	Effect dose	Value	Exposure time	Species
	Method: Literature. Repeated or prolonged exposure: The substance can affect the liver, causing damage to the body.			rat

➢ **Specific target organ toxicity (STOT):**

- Potassium hydroxide

Repeated exposure	Specific effects	Affected organs
	Skin contact may be damaged by eczema. The dust may affect the upper and lower airways, causing inflammation and impaired lung function. Erosion of the teeth may occur.	

- Diethylenetriamine

May cause damage to organs through prolonged or repeated exposure. Chronic exposure causes drying effect on the skin and eczema. Repeated or prolonged exposure: The substance can affect the liver, causing damage to the body. Can cause eczema by hypersensitivity.

➢ **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):**

- **Carcinogenicity**

- Potassium hydroxide

No carcinogenic effects observed at the doses tested.

- Diethylenetriamine

Route of exposure	Species	Exposure time
	Method: Literature. Under special conditions there is a possibility to generate nitrosamines. Animal studies showed that nitrosamines have carcinogenetic properties.	

- **Mutagenicity**

- Potassium hydroxide

No data available

- Diethylenetriamine

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

- **Genetic toxicity in vitro**

- Potassium hydroxide

Type	Test system	Concentration	Result
Ames test	Escherichia coli WP2 uvr A; Salmonella typhimurium TA98, TA100, TA535, TA1537 Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay) Based on available data, the classification criteria are not met.		negative

- Diethylenetriamine

Type	Test system	Concentration	Result
Ames test	Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay) Based on available data, the classification criteria are not met.		negative

- **Genetic toxicity in vivo**

- Potassium hydroxide

No data available

- Diethylenetriamine

Route of exposure	Species	Exposure time	Result
	mouse (male/female) Method: Mutagenicity (micronucleus test) Based on available data, the classification criteria are not met.		

- **Teratogenicity**

No data available

- **Toxicity to reproduction**

No data available

➢ **Summarised evaluation of the CMR properties:**

- Potassium hydroxide

Carcinogenicity	:	Animal testing did not show any carcinogenic effects.
Mutagenicity	:	No data available
Teratogenicity	:	No data available
Toxicity to reproduction	:	No data available

- Diethylenetriamine

Carcinogenicity	:	Based on available data, the classification criteria are not met.
Mutagenicity	:	Based on available data, the classification criteria are not met.
Teratogenicity	:	No data available
Toxicity to reproduction	:	No data available

Experiences made in practice:

Hazard labelling of this preparation or substance : see section 15.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

- Potassium hydroxide

	Effect dose	Exposure time	Species	Value
Toxicity to fish	LC50	24 h	Poecilia reticulata (guppy)	165 mg/l
	Method: Literature.			
	Based on available data, the classification criteria are not met.			
Toxicity to daphnia	No data available			
Toxicity to algae	No data available			
Toxicity to bacteria	No data available			

- Diethylenetriamine

	Effect dose	Exposure time	Species	Value
Toxicity to fish	LC50	96 h	Poecilia retiaculata (guppy)	430 mg/l
	Method: Literature.			
	Based on available data, the classification criteria are not met.			
Toxicity to fish	NOEC	672 h	Pisces (fish)	> 10 mg/l
Toxicity to daphnia	EC50	48 h	Daphnia magna	64.6 mg/l
	Method: Tested according to Directive 92/69/EEC.			
Toxicity to daphnia	EC50	48 h	Daphnia magna	16 mg/l
	Method: DIN 38412			
Toxicity to daphnia	NOEC	588 h	Daphnia magna	5.6 mg/l
Toxicity to algae	EC50	72 h	selenastrum capricornutum	1,164 mg/l
	Method: OECD Test Guideline 201			

Toxicity to bacteria	Based on available data, the classification criteria are not met. EC0 3 h Bacteria 6 mg/l Method: Literature.

12.2 Persistence and degradability:

Physico-chemical removability

Neutralization is normally necessary before waste water is discharged into water treatment plants.

Chemical Oxygen Demand (COD)

Value	Method
75,000 mg/l	

Adsorbed organic bound halogens (AOX)

- Potassium hydroxide

Product does not contain any organic halogens.

- Diethylenetriamine

Value	Method
	Literature. Product does not contain any organic halogens.

Biodegradation

- Potassium hydroxide

The methods for determining biodegradability are not applicable to inorganic substances.

- Diethylenetriamine

Value	Exposure time	Method	Evaluation
87 %		OECD 301D Assessment of biological degradability	According to the results of tests of biodegradability this product is considered as being readily biodegradable.

Biochemical Oxygen Demand (BOD)

Concentration	Incubation time	Value	Method
		5,400 mg/l	

12.3 Bioaccumulative potential:

Partition coefficient (n-octanol/water)

Not applicable

Bioconcentration factor (BCF)

- Potassium hydroxide

Does not bioaccumulate.

- Diethylenetriamine

Value	Species	Method
<= 6.3	Cyprinus carpio (carp)	OESO 305C

	Accumulation in aquatic organisms is unlikely.

12.4 Mobility in soil:

- Potassium hydroxide

No information available.

- Diethylenetriamine

completely miscible

Henry's constant

Value	Temperature	Method
		No information available.

Transport between environmental compartments

- Potassium hydroxide

Transport between environmental compartments can be expected.

- Diethylenetriamine

Type	Medium	Value Method
		log Koc: 3.4 to 4.6 Literature. Transport between environmental compartments is not expected.

12.5 Results of PBT and vPvB assessment:

- Potassium hydroxide

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

- Diethylenetriamine

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

12.6 Other adverse effects:

This substance is not in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Waste disposal methods

Do not release into drain. Collect for removal by a licensed waste contractor. Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material.

Empty containers.

As the packaging can be contaminated with product residus, please observe the warnings of the label even when the container is empty.Do not reuse empty container without proper cleaning.Label precautions also apply to this container when empty.

For waste resulting from the expired product, it is recommended to use European Waste Code : 09 01 01 (water-based developer and activator solutions).

14. TRANSPORT INFORMATION

ADR

UN-No	:	1814
Proper shipping name	:	POTASSIUM HYDROXIDE SOLUTION
Class	:	8
Packing group	:	II
Classification Code	:	C5
Labelling No.	:	8
Risk No.	:	80
Environmentally Hazardous	:	No

RID

UN-No	:	1814
Proper shipping name	:	POTASSIUM HYDROXIDE SOLUTION
Class	:	8
Packing group	:	II
Classification Code	:	C5
Labelling No.	:	8
Risk No.	:	80

ADNR

UN-No	:	1814
Proper shipping name	:	POTASSIUM HYDROXIDE SOLUTION
Class	:	8
Packing group	:	II
Classification Code	:	C5
Labelling No.	:	8
Risk No.	:	80

IMO / IMDG

UN-No	:	1814
Proper shipping name	:	POTASSIUM HYDROXIDE SOLUTION
Class	:	8
Packing group	:	II
Labelling No.	:	8
EmS	:	F-A, S-B
Marine pollutant	:	No

ICAO / IATA cargo aircraft only

UN-No	:	1814
Proper shipping name	:	Potassium hydroxide solution
Class	:	8
Packing group	:	II
Labelling No.	:	8
Packing instruction	:	855

ICAO / IATA passenger and cargo aircraft

UN-No	:	1814
Proper shipping name	:	Potassium hydroxide solution
Class	:	8
Packing group	:	II
Labelling No.	:	8
Packing instruction	:	851

15. REGULATORY INFORMATION

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

Authorisation and/or restriction on use

Authorisation	:	No
Restriction on use	:	Not listed on EU. REACH, Annex XVII, Restrictions on manufacture, placing on the market and use of certain dangerous substances, mixtures & articles (Reg 1907/2006/EC, as amended

Other EU regulations

Does not fall under specific EU-Regulations.

15.2 Chemical Safety Assessment

No Chemical Safety Report needed according REACH.

16. OTHER INFORMATION

Text of H-phrases referred to under headings 2 and 3:

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H311	Toxic 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.
H335	May cause respiratory irritation.

Text of R-phrases referred to under headings 2 and 3:

R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R43	May cause sensitization by skin contact.

Further information

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.

Sources of key data used to compile the datasheet

Handbuch der gefährlichen Güter, Hommel.
The Dictionary of Substances and their Effects, Royal Society of Chemistry.

Gefährliche Chemische Reaktionen, L.Roth und U.Weller.
Handbuch der Umweltgifte, Dauderer.
Chemiekaarten, latest version.
Safety Data Sheet from the supplier.

Abbreviations

ADR:	Accord européen relatif au transport international des marchandises Dangereuses par Route
ADNR:	Accord européen relatif au transport international des marchandises Dangereuses par la Rhin
AGW:	Arbeitsplatzgrenswerte (GE)
ATEmix:	Acute toxicity estimate of the mixture
CLP:	Classification, Labelling and Packaging of substances and mixtures
CMR:	Carcinoge
DNEL:	Derived No Effect Level
EC0:	Effective Concentration 0%
EC5:	Effective Concentration 5%
EC10:	Effective Concentration 10%
EC50:	Median Effective Concentration
EC100:	Effective Concentration 100%
EH40 WEL:	Workplace Exposure Limit (UK)
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
IC50:	inhibitory concentration 50%
IMDG:	International Maritime Dangerous Goods
IMO:	International Maritime Organization
IUCLID:	International Uniform ChemicaL Information Database
LC50:	Lethal Concentration 50%
LC100:	Lethal Concentration 100%
LOAEL:	Lowest Observed Adverse Effect Level
LDL0	Lethal Dose (minimum found to be lethal)
LD50:	Lethal Dose 50%
MAC:	Maximaal Aanvaardbare Concentratie (NL)
MAK:	Maximale Arbeitsplatz-Konzentration
NOAEL:	No Observed Adverse Effect Level
NOEL:	No Observed Effect Level
NOEC:	No Observed Effect Concentration
OEL:	Occupatianal Exposure Limit
PBT:	Persistent, Bioaccumulative and Toxic substance
PNEC:	Predicted No Effect Concentration
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID:	Regulations concerning the International Transport of Dangerous Goods by Rail
STEL:	Short Term Exposure Limit
TLV:	Treshold Limit Value
TRGS900:	Arbeitsplatzgrenswerte (GE)
TWA:	Time Weighted Average
VOC:	Volatile Organic Compound
vPvB:	very Persistent and very Bioaccumulative substance