Safety Data Sheet

30% OPP SMOKE GENERATOR

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

Product Identifier

1.1.	Tradename:	FUMITE OPP SMOKE GENERATOR Contains 2-phenylphenol and Potassium chlorate UFI: 4M60-U0UE-W00R-A223
1.2.	Relevant identified uses of the substance or mixture and uses advised against	Disinfectant Smoke Generator (FU) For Professional use only.

1.3. Details of the supplier of the safety data sheet

Company	Octavius Hunt Ltd Redfield, BRISTOL, BS5 9NQ, UK
Phone	+44 (0) 117 955 5304
Website	www.octaviushunt.co.uk
Email	*info@octavius-hunt.co.uk*

1.4. Emergency telephone number

France + 33 3 83 85 21 92
Spain +34 917689800

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- Classification (Regulation (EC) No 1272/2008) [CLP/GHS]: Acute Tox. 4 H302; Skin Irrit.. 2. H315; Eye Irrit.. 2A H319, STOT Resp. 3. H335; Aquatuic Acute. 1. H400; Aquatic Chronic 1, H410
- Additional Information: For full text of Hazard and EU Hazard-statements: see section 16

2.2 Label elements

4M60-U0UE-W00R-A223

Signal word: Warning

SECTION 2: HAZARDS IDENTIFICATION (....)

Hazard statements

H302	Harmful if swallowed
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P261	Avoid breathing dust / smoke
P264	Wash skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CEMTRE/doctor if you feel unwell
P302+P352	IF ON SKIN: Wash with plenty of water
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention
P273	Avoid release to the environemnt
P391	Collect spillage
P501	Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as nonhazardous waste.

Supplemental Hazard Information (EU)

- None

2.3 Other hazards

- May form explosible dust-air mixture if dispersed
- Ignites readily. Product burns without a flame to give a dense white harmful smoke.
- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII
- Does not contain any substances with endocrine disrupting properties

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances: N.A.

3.2. Mixture

Contains the following hazardous ingredients or ingredients with a workplace exposure limit

Chemical Name	**Conc.**	**CAS No.**	**EC No.**	**Classification according to Regulation (EC) No 1278/2008 (CLP).**	**SCL/ M-Factor/ ATE**	**REACH Registration Number**	**WEL/ OEL**
2-phenylphenol (ISO)	30.0% w/w	90-43-7	201-993-5	Skin Irrit.. 2. H315 Eye Irrit.. 2A H319 STOT Resp. 3. H335 Aquatic Acute 1. H400 Aquatic Chronic 1, H410	M Factor (Chronic) = 1	01-2119511183-53-0000	No
Potassium chlorate	10 -20% w/w	3811-04-9	223-289-7	Ox. Liq. H271; Acute Tox. H301	-	01-2119494917-18-xxxx	No
Talc	35-45%	14807-96-6	238-877-9	Not Classified (Substance with a workplace exposure limit)	-	Reach exempt	Yes
Magnesium carbonate	<10%w/w	546-93-0	206-915-9	Not Classified (Substance with a workplace exposure limit)			

SECTION 4: FIRST AID MEASURES

Rescuers should take suitable precautions to avoid becoming casualties themselves

4.1 Description of First Aid Measures General Advice:

Show this safety data sheet to the doctor in attendance

Contact with eyes:

If substance has got into eyes, immediately wash out with plenty of water for several minutes. Irrigate eyes thoroughly whilst lifting eyelids.

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

If eye irritation persists: Get medical advice/attention

Contact with skin:

Take off contaminated clothing and wash it before reuse.

Wash affected area with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention

Inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If unconscious, place person in recovery position

Apply artificial respiration only if patient is not breathing but **do not** use mouth to mouth resuscitation. Get immediate medical advice/attention.

Ingestion:

Rinse mouth with water (do not swallow).

Give 200-300mls (half pint) water to drink.

Do NOT induce vomiting. Get medical advice/attention.

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

Contact with eyes

- Cause redness and irritation.
- May cause redness and swelling

Contact with skin

- May cause redness and irritation.

Ingestion

- Harmful if swallowed
- May cause stomach pain.
- May cause nausea/vomiting.

Inhalation

- May cause shortness of breath.
- May cause coughing and tightness of chest.

4.3. Immediate Medical Attention

Risk of methemoglobinemia. Not to be treated with methylthionine. - Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media:

Sand/earth; foam; water spray; carbon dioxide.

- Unsuitable extinguishing media:

Do not use water jets; Dry agent extinguishers are unsuitable and should not be used.

5.2. Special Hazards arising from the mixture:

- Ignites readily.
- Contains an oxidising agent; may assist combustion.
- May form explosive dust/air mixtures.
- Gives off irritating fumes (or gases) in a fire.
- Decomposition products may include oxygen, carbon oxides, nitrogen oxides.

5.3. Advice for fire-fighters:

- Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:
- No action shall be taken involving any personal risk or without suitable training.
- Only trained and authorised personnel should carry out emergency response.
- Avoid formation of dust.
- Shut off all ignition sources
- Personal precautions for non-emergency personnel: Avoid breathing dust/smoke;
Avoid contact with skin and eyes;
Wear protective clothing as per section 8; Wash thoroughly after handling; Eyewash bottles should be available.
- Personal precautions for emergency responders: Evacuate the area and keep personnel upwind;
Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA).

6.2. Environmental precautions:
- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses.
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities.

6.3. Methods and material for containment and cleaning up:
- Do not absorb spillage in sawdust or other combustible material.
- Avoid formation of dust.
- Shut off all ignition sources.
- Take action to prevent static discharges.
- Do not allow to enter public sewers and watercourses.
- Small spills Wipe up spillage with damp absorbent cloth or towel.
Wash spill site with water and detergent.
- Large spills Evacuate the area and keep personnel upwind.
Damp down to avoid dust generation.
Absorb spillage in earth or sand.
Sweep or shovel-up spillage and remove to a safe place.
Place in appropriate container.
Seal containers and label them.
Remove contaminated material to safe location for subsequent disposal.
Ventilate the area and wash spill site after material pick-up is complete.

6.4. Reference to other sections:
- See section(s): 7, 8 & 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

- Read the label before use.
- Prevent formation of dust.
- Take precautionary measures against static discharges.
- Where the operator is unable to leave the area, wear suitable respiratory protection.
- Avoid contact with skin and eyes.
- Do not eat, drink or smoke when using this product.
- Keep away from heat and sources of ignition.
- Avoid contact with acids and alkalis.
- Avoid release to the environment.
- Take off contaminated clothing.
- Contaminated work clothing should not be allowed out of the workplace.
- Contaminated clothing should be laundered before reuse.

– Eyewash bottles should be available.

7.2. Conditions for storage, including any incompatibilities

- Shelf life: 2 years when stored in the original unopened sales container at ambient temperatures.
- Store in a cool, dry well-ventilated place. Keep container tightly closed.
- Keep away from combustible material.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep out of reach of children.

7.3. Specific end use

A Disinfectant Smoke Generator (FU)..

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

- 2-phenylphenol (ISO)
DNEL (inhalational) 19.25 mg/m³ Industry, Long Term, Systemic Effects
DNEL (dermal) 21.84 mg/kg bw/day Industry, Long Term, Systemic Effects
DNEL (inhalational) 1.2 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (dermal) 400 µg/kg bw/day Consumer, Long Term, Systemic Effects
DNEL (oral) 400 µg/kg bw/day Consumer, Long Term, Systemic Effects
PNEC aqua (freshwater) 900 ng/L PNEC aqua (intermittent releases, freshwater) 27 µg/L
PNEC aqua (marine water) 90 ng/L
PNEC (STP) 560 µg/L
PNEC sediment (freshwater) 128.4 µg/kg
PNEC sediment (marine water) 12.84 µg/kg
PNEC terrestrial (soil) 2.5 mg/kg PNEC secondary poisoning (food) 1.87 mg/kg

- Talc
WEL (long term) 1 mg/m³ (UK, respirable dust)
DNEL (inhalational) 2.16 mg/m³ Industry, Long Term, Systemic Effects
DNEL (inhalational) 2.16 mg/m³ Industry, Acute/Short Term, Systemic Effects
DNEL (inhalational) 3.6 mg/m³ Industry, Long Term, Local Effects
DNEL (inhalational) 3.6 mg/m³ Industry, Acute/Short Term, Local Effects
DNEL (dermal) 43.2 mg/kg bw/day Industry, Long Term, Systemic Effects
DNEL (dermal) 4.54 mg/cm² Industry, Long Term, Local Effects
DNEL (inhalational) 1.08 mg/m³ Consumer, Long Term, Systemic Effects
DNEL (inhalational) 1.08 mg/m³ Consumer, Acute/Short Term, Systemic Effects
DNEL (inhalational) 1.8 mg/m³ Consumer, Long Term, Local Effects
DNEL (inhalational) 1.8 mg/m³ Consumer, Acute/Short Term, Local Effects
DNEL (dermal) 21.6 mg/kg bw/day Consumer, Long Term, Systemic Effects
DNEL (dermal) 2.27 mg/cm² Consumer, Long Term, Local Effects
DNEL (oral) 160 mg/kg bw/day Consumer, Long Term, Systemic Effects
DNEL (oral) 160 mg/kg bw/day Consumer, Acute/Short Term, Systemic Effects
PNEC aqua (freshwater) 597.97 mg/L
PNEC aqua (intermittent releases, freshwater) 597.97 mg/L
PNEC aqua (marine water) 141.26 mg/L
PNEC aqua (intermittent releases, marine water) 141.26 mg/L
PNEC sediment (freshwater) 31.33 mg/kg
PNEC sediment (marine water) 3.13 mg/kg
PNEC (air) 10 mg/m³

- Magnesium carbonate
WEL (long term) 10 mg/m³ (UK, inhalable dust) WEL (long term) 4 mg/m³ (UK, respirable dust)
DNEL (oral) 7.23 mg/kg bw/day Consumer, Long Term, Systemic Effects
DNEL (oral) 7.23 mg/kg bw/day Consumer, Acute/Short Term, Systemic Effects

8.2. Exposure controls

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential.
- Respiratory protection

If the operator is unable to leave the area immediately after lighting the product, then respiratory protection must be worn.
Where a reusable half mask respirator is required, use EN 140, with gas/vapour filter EN 14387 type ABEK, or EN 405; EN 1827 and EN 143 particle filter.
Where a full face mask respirator is required, use EN 136, with gas/vapour filter EN 14387 type ABEK and particle filter EN 143.

- Skin protection

Wear suitable protective clothing.
Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 2016/425 and standard EN 374. The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted. PVC or rubber gloves are recommended.

- Eye/face protection

Wear goggles giving complete eye protection approved to standard EN 166.

- Hygiene measures

Contaminated clothing should be laundered before reuse.
Do not eat, drink or smoke when using this product.
Eyewash bottles should be available.

- Environmental exposure controls

Avoid release to the environment.
Do not empty into drains
A self-contained product unlikely to be released unless packaging significantly damaged.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Colour:	Off-white.
Physical State:	Powder in a metallic tin.
Colour:	Off-white
Odour:	Phenolic.
Melting Point:	Not applicable.
Boiling point:	Not applicable.
Flammability:	Powder not flammable. Smoke may be flammable.
Flash-Point:	Does not flash.
Autoignition temperature	335^{o}C
Decomposition temperature:	Not available.
pH-value (quant.):	Not available.
Kinematic viscosity:	Not available.
Solubility:	Partly soluble in/with water.
Partition coeff. (n-octanol/water):	Not available.
Vapour pressure:	Not available.
Density:	Not available.
Particle characteristics:	Not available.
Minimum Ignition temp.	Not available.
Minimum Ignition:	Not available
Energy Explosive properties	Not applicable

9.2 Other Information:

Oxidizing properties:	Contains an oxidising agent; may assist combustion.

- No further information available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity
- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability
- Considered stable under normal conditions.

10.3 Possibility of hazardous reactions
- Reacts with combustible material.
- Reacts with acids liberating toxic gas (chlorine).

10.4 Conditions to avoid
- Avoid formation of dust.
- Keep away from heat and sources of ignition.
- Keep away from static electricity.

10.5 Incompatible materials
- Incompatible with strong acids.
- Incompatible with alkalis (strong bases).
- Incompatible with halogenated substances.

10.6 Hazardous decomposition products
- Decomposition products may include oxygen, carbon oxides, nitrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in regulation (EC) No 1272/2008

- Acute Toxicity
Harmful if swallowed
Classification based on calculation and concentration thresholds.
Potassium chlorate
ATE 100 mg/kg bw

- Skin corrosion/irritation
Causes skin irritation.
Classification based on calculation and concentration thresholds.

- Serious eye damage/irritation
Causes serious eye irritation.
Classification based on calculation and concentration thresholds.

- Respiratory or skin sensitisation
Based on available data, the classification criteria are not met.

- Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

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

- Specific target organ toxicity (STOT) - single exposure
May cause respiratory irritation
Classification based on calculation and concentration thresholds.

- Specific target organ toxicity (STOT) - repeated exposure
Based on available data, the classification criteria are not met.

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

- Contact with eyes
May cause severe eye irritation.

- Contact with skin
May cause redness and irritation.

- Ingestion
Can form methaemoglobin in the blood, causing cyanosis
Harmful if swallowed
May cause stomach pain.
May cause nausea/vomiting.

- Inhalation
Causes shortness of breath.
May cause coughing and tightness of chest.
Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness.

11.2 Information on other hazards

- Does not contain any substances with endocrine disrupting properties.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Very toxic to aquatic life with long lasting effects
Classification based on calculation and concentration thresholds

12.2 Persistence and degradability

Some ingredients are biodegradable

Substances

Chemical Name	Biodegradation
Talc ($Mg_3H_2(SiO_3)_4$)	Not applicable, inorganic
2-phenylphenol (ISO)	Readily biodegradable in water (100%)
Potassium chlorate	Under test conditions no biodegradation observed (100%)
Magnesium carbonate	Not applicable, inorganic

12.3 Bio accumulative potential

Chlorate is converted to chlorite in plants, which accumulates in cells until toxic concentrations are reached, when the plant dies

Substances

Chemical Name	Bioconcentration Factor (BCF)	Log Kow
Talc ($Mg_3H_2(SiO_3)_4$)	3.16 L/kg ww	-9.4 @ 25 °C
2-phenylphenol (ISO)	21.7 - May accumulate in the tissues of aquatic organisms	Log Pow 3.18
Potassium chlorate	Low potential for bioaccumulation (Log Kow < 3)	-2.9 @ 20 °C and pH 0
Magnesium carbonate	Bioaccumulation is not expected	Not applicable, inorganic

12.4 Mobility in soil

Partially soluble in water

Substances

Chemical Name	Adsorption/desorption	Mobility
Talc ($Mg_3H_2(SiO_3)_4$)	Koc 31.82 at 20°C	No data available
2-phenylphenol (ISO)	Log Koc 2.4 - 2.6	May adsorb to suspended soils and sediments
Potassium chlorate	Low potential for adsorption	Soluble in water
Magnesium carbonate	Not applicable, inorganic	No data available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12.6 Endocrine disrupting properties

Does not contain any substances with endocrine disrupting properties.

12.7 Other adverse effects

No further data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Dispose of product and packaging in accordance with national waste regulations.
- This material and/or its container must be disposed of as hazardous waste.

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC).
- Hazardous Property Code(s): HP 4 Irritant; HP 5 Harmful; HP 6 Acute Toxicity; HP 14 Ecotoxic

SECTION 14. TRANSPORT INFORMATION

UN 3077 and UN 3082, when carried in single or combination packagings containing a net quantity per single or inner packaging of 5L/kg or less, are not subject to the provisions of ADR, RID, IMDG or IATA, provided the package meets the general packing quality provisions

14.1 UN number

- UN No.: 3077

14.2 UN proper shipping name

- ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (2-PHENYLPHENOL MIXTURE).

14.3 Transport hazard class(es)

- Class 9

14.4 Packing group

- III

14.5 Environmental hazards

- Marine Pollutant

14.6 Special precautions for user

- Not Classified

14.7 Maritime transport in bulk according to IMO instructions

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (2-PHENYLPHENOL MIXTURE).
- ADR UN No.: 3077
- ADR Hazard Class: 9
- ADR Packing Group: III
- Tunnel Code: Not applicable

14.9 Sea (IMDG)

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (2-PHENYLPHENOL MIXTURE).
- IMDG UN No.: 3077
- IMDG Hazard Class: 9
- IMDG Pack Group.: III

14.10 Air (ICAO/IATA)

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (2-PHENYLPHENOL MIXTURE).
- ICAO UN No.: 3077
- ICAO Hazard Class: 9

– ICAO Packing Group: III

SECTION 15. REGULATORY INFORMATION

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

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH
- The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- The COSHH Regulations apply in the UK
- UN 3077 and UN 3082, when carried in single or combination packagings containing a net quantity per single or inner packaging of 5L/kg or less, are not subject to the provisions of ADR, RID, IMDG or IATA, provided the package meets the general packing quality provisions.
- Talc ($Mg_3H_2(SiO_3)_4$) is listed in Annex III of REACH as # Suspected carcinogen: IARC monographs classified the substance as carcinogenic or probably/possibly carcinogenic; carcinogen according to ISSCAN
- Restrictions on use according to Annex XVII to REACH Regulation: Not applicable
- Seveso III Directive (2012/18/EU, Dangerous Substances in Annex I: Class E1 (Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1), LT 100 te, UT 200 t**e**

15.2 Chemical safety assessment

- A REACH chemical safety assessment has been carried out for some of the ingredients in this product

SECTION 16. OTHER INFORMATION

Information contained in this data sheet is accurate to the best of our knowledge and belief and is given in good faith. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular properties.
Sources of data: Information from published literature and supplier safety data sheets

Revision No. 8. Revised May 2024
Changes made: : Amendment due to reclassification of Potassium chlorate component

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:
Acute Tox.4. H302 Classification based on calculation and concentration thresholds

Skin Irrit.. 2. H315 Classification based on calculation and concentration thresholds

Eye Irrit.. 2A H319 Classification based on calculation and concentration thresholds

STOT Resp. 3. H335 Classification based on calculation and concentration thresholds

Aquatic Acute 1; H400: Classification based on calculation and concentration thresholds
Aquatic Chronic 2, H410 Classification based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:
- H271: May cause fire or explosion; strong oxidiser
- H301: Toxic if swallowed
- H372: Causes damage to organs through prolonged or repeated exposure
- H332: Harmful if inhaled

Acronyms
- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC50: Effective Concentration, 50%
- GHS: Globally Harmonised System
- IARC: International Agency for Research on Cancer
- IC50: Half-maximal inhibitory concentration
- LC50: Lethal Concentration, 50%
- LD50: Lethal Dose, 50%
- NOAEC: No observed adverse effect concentration
- NOAEL: No observed adverse effect level
- NOEC: No observed effect concentration
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

Previous revisions should be destroyed.