



**FORM  
FOR NOTIFICATION OF FINAL REGULATORY ACTION  
TO BAN OR SEVERELY RESTRICT A CHEMICAL**

IMPORTANT: See instructions before filling in the form

COUNTRY: LATVIA

**PART I: PROPERTIES, IDENTIFICATION AND USES**

1. IDENTITY OF CHEMICAL		
1.1	Common name	Carbon tetrachloride
1.2	Chemical name according to an internationally recognized nomenclature (e.g. IUPAC), where such nomenclature exists	Tetrachloromethane
1.3	Trade names and names of preparations	Carbon tetrachloride
1.4	Code numbers	
1.4.1	CAS number	56-23-5
1.4.2	Harmonized System customs code	2903 14 00
1.4.3	Other numbers (specify the numbering system)	EINECS 200-262-8 UN 1846

1.5 Indication regarding previous notification on this chemical, if any	
1.5.1	<input checked="" type="checkbox"/> This is a first time notification of final regulatory action on this chemical.
1.5.2	<input type="checkbox"/> This is a modification of a previous notification of final regulatory action on this chemical. The sections modified are: _____
	<input type="checkbox"/> This notification replaces all previously submitted notifications on this chemical.
Date of issue of the previous notification: _____	

**PLEASE RETURN THE COMPLETED FORM TO:**

Interim Secretariat for the Rotterdam Convention  
Plant Protection Service  
Plant Production and Protection Division, FAO  
Viale delle Terme di Caracalla  
00100 Rome, Italy

OR

Interim Secretariat for the Rotterdam Convention  
UNEP Chemicals

11-13, Chemin des Anémones  
CH-1219 Châtelaine, Geneva, Switzerland

Tel: (+39 06) 5705 3441  
Fax: (+39 06) 5705 6347  
E-mail: pic@fao.org

Tel: (+41 22) 917 8183  
Fax: (+41 22) 797 3460  
E-mail: pic@unep.ch

1.6 Information on hazard classification where the chemical is subject to classification requirements	
International classification systems	Hazard class
UN Classification	UN Hazard Class: 6.1
	UN Pack Group: II
Other classification systems	Hazard class
EU Classification	T; N
	R: 23/24/25-40-48/23-52/53-59
	S: (1/2-)23-36/37-45-59-61

1.7 Use or uses of the chemical	
1.7.1	<p><b>θ Pesticide</b></p> <p>Describe the uses of the chemical as a pesticide in your country:</p>
1.7.2	<p><b>X Industrial</b></p> <p>Describe the industrial uses of the chemical in your country:</p>

1.8 Properties	
1.8.1	<p><b>Description of physico-chemical properties of the chemical</b></p> <p>Boiling point            76.7°C</p> <p>Melting point            -23°C</p> <p>Vapour pressure        11.94 kPa</p> <p>Solubility in water      790 mg/l</p>

1.8.2	<p><b>Description of toxicological properties of the chemical</b></p> <p>LD<sub>50</sub> Oral rat: 1770 mg/kg body weight</p> <p>LC<sub>50</sub> Inhalation rat 4h: 50 mg/l</p> <p>LD<sub>50</sub> Dermal rat: 5100 mg/kg body weight</p> <p>LD<sub>50</sub> Dermal rat: &gt;20000 mg/kg body weight</p> <p><b>EFFECTS OF SHORT-TERM EXPOSURE:</b> The substance irritates the eyes. The substance may cause effects on the liver, kidneys and central nervous system, resulting in unconsciousness. Medical observation is indicated.</p> <p><b>EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:</b> Repeated or prolonged contact with skin may cause dermatitis. This substance is possibly carcinogenic to humans.</p>
1.8.3	<p><b>Description of ecotoxicological properties of the chemical</b></p> <p>Toxicity:</p> <p>LC<sub>50</sub> Fish 96h: 1,97 mg/l Species: Rainbow trout</p> <p>EC<sub>50</sub> Daphnia 48h: 1,7 mg/l</p>

IC <sub>50</sub> Algae 72h: 12,706 mg/l
Bioaccumulation: BCF: 30 Log Pow: 2.77
Marine pollutant category: B

## PART II: FINAL REGULATORY ACTION

<b>2. FINAL REGULATORY ACTION</b>	
2.1	The chemical is: <input type="radio"/> banned                    OR <input checked="" type="radio"/> severely restricted
2.2	<b>Information specific to the final regulatory action</b>
2.2.1	<b>Summary of the final regulatory action</b> <p>Shall not be used in concentrations equal to or greater than 0,1 % by weight in substances and preparations placed on the market for sale to the general public and/or in diffusive applications such as in surface cleaning and cleaning of fabrics. Certain exceptions apply.</p>
2.2.2	<b>Reference to the regulatory document</b> <p>25 April 2000 Regulation of the Cabinet of Ministers the Republic of Latvia No.158 "Regulatory on use and marketing restrictions and bans for hazardous chemical substances and hazardous chemical preparations".</p>
2.2.3	<b>Date of entry into force of the final regulatory action</b> <p>1 January 2001</p>
2.3	<b>Was the final regulatory action based on a risk or hazard evaluation?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No <b>If yes, give information on such evaluation</b> <p>Based on intrinsic properties of the chemical substance.</p>
	<b>Reference to the relevant documentation</b> <p>EU bans and restrictions Directive 76/769/EEC.</p>
2.4	<b>Reasons for the final regulatory action</b>
2.4.1	<b>Is the reason for the final regulatory action relevant to the human health?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No <b>If yes, give summary of the known hazards and risks presented by the chemical to human health, including the health of consumers and workers</b> <p>The compound has narcotic effects at high concentrations, and may cause permanent damage to the liver, such as fatty liver and liver necrosis, and may damage the kidneys. It may also harm the central nervous system and cause irregular heart rhythm. The substance has caused birth defects in experimental animals. Absorbed through the skin.</p>

	<p>Inhalation: May lead to headache, nausea and dizziness.          Skin contact: Extracts the lipids of the skin and gives red and chapped skin. Taken up through intact skin.          Eye contact: Irritating to the eyes. This compound is a suspected carcinogen. Included in the highest class on the Danish list of neurotoxic substances.</p>
	<b>Reference to the relevant documentation</b>
	<b>Expected effect of the final regulatory action</b>

<b>2.4.2</b>	<b>Is the reason for the final regulatory action relevant to the environment?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>If yes, give summary of the known hazards and risks to the environment</b>	
	The substance is harmful to aquatic organisms. This substance may be hazardous to the environment; special attention should be given to its impact on the ozone layer.	
	<b>Reference to the relevant documentation</b>	
	<b>Expected effect of the final regulatory action</b>	

<b>2.5</b>	<b>Category or categories where the final regulatory action has been taken</b>	
<b>2.5.1</b>	<b>Final regulatory action has been taken for the chemical category</b>	<input checked="" type="checkbox"/> Industrial
	<b>Use or uses prohibited by the final regulatory action</b>	
	<p>1. Shall not be used in concentrations equal to or greater than 0,1 % by weight in substances and preparations placed on the market for sale to the general public and/or in diffusive applications such as in surface cleaning and cleaning of fabrics.</p> <p>2. Without prejudice to the application of other EU provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations containing them in concentrations equal to or greater than 0,1 % shall be legible and indelibly marked as follows: "For use in industrial installations only".</p> <p>By way of derogation this provision shall not apply to:</p> <p>(a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC;</p> <p>(b) cosmetic products as defined by Directive 76/768/EEC.</p>	
	<b>Use or uses that remain allowed</b>	
	All other uses not listed in the table above.	

<b>2.5.2</b>	<b>Final regulatory action has been taken for the chemical category</b>	<input type="checkbox"/> Pesticide
	<b>Formulation(s) and use or uses prohibited by the final regulatory action</b>	
	<b>Formulation(s) and use or uses that remain allowed</b>	

2.5.3 Estimated quantity of the chemical produced, imported, exported and used, where available.		
	Quantity per year (MT)	Year
Produced		
Imported	0,1510	2002
Exported		
Used		

**2.6 Indication, to the extent possible, of the likely relevance of the final regulatory action to other states and regions**

Decision taken in accordance with EU bans and restrictions Directive 76/769/EEC.
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**2.7 Other relevant information that may cover:**

<b>2.7.1 Assessment of socio-economic effects of the final regulatory action</b>	
<b>2.7.2 Information on alternatives and their relative risks</b>	
<b>2.7.3 Relevant additional information</b>	

**PART III : GOVERNMENT AUTHORITIES**

Ministry/Department and authority responsible for issuing/enforcing the final regulatory action	
<b>Institution</b>	Environmental State Inspectorate
<b>Address</b>	Rupniecibas iela 23 Riga LV-1045 Latvia
<b>Telephone</b>	+371 7325209; +371 7321200; +371 7320506
<b>Telefax</b>	+371 7321577
<b>E-mail address</b>	vvi@vvi.gov.lv
Designated National Authority	
<b>Institution</b>	Latvian Environment Agency
<b>Address</b>	Straumes iela 2 Jurmala LV-2015 Latvia
<b>Name of person in charge</b>	Arnis Ludborzs
<b>Position of person in charge</b>	Head, Division of Chemicals Register
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Date, signature of DNA and official seal: Director DNA



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