Interim Secretariat for the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade

UNEP

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	1,1-Dichloroethylene
1.2	Chemical name according to an internationally recognized nomenclature (e.g. IUPAC), where such nomenclature exists	1,1-Dichloroethylene
1.3	Trade names and names of preparations	Vinylidinechloride
1.4	Code numbers	
1.4.1	CAS number	75-35-4
1.4.2	Harmonized System customs code	2903 29 00
1.4.3	Other numbers (specify the numbering system)	EINECS 200-864-0 UN 1303

1.5	Indication regarding previous notification on this chemical, if any
1.5.1	X This is a first time notification of final regulatory action on this chemical.
1.5.2	θ This is a modification of a previous notification of final regulatory action on this chemical. The sections modified are: _____ θ 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

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

OR

Interim Secretariat for the Rotterdam Convention
UNEP Chemicals

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

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: 3
	UN Pack Group: I

Other classification systems	Hazard class
EU Classification	Xn; F+
	R: 12-20-40-68
	S: (2-)7-16-29
	Note: D

1.7 Use or uses of the chemical

1.7.1 θ **Pesticide**

Describe the uses of the chemical as a pesticide in your country:

1.7.2 X **Industrial**

Describe the industrial uses of the chemical in your country:

1.8 Properties

1.8.1 Description of physico-chemical properties of the chemical

Boiling point	31.7°C
Melting point	-122°C
Vapour pressure	67 kPa
Solubility in water	33 mg/l

1.8.2 Description of toxicological properties of the chemical

LD_{50} Oral rat: 200 mg/kg body weight
LC_{50} Inhalation rat 4h: 25,5 mg/l
LD_{50} Dermal rat: >2426 mg/kg body weight

EFFECTS OF SHORT-TERM EXPOSURE:
The substance irritates the eyes, the skin and the respiratory tract. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Exposure at high levels could cause lowering of consciousness.
EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the kidneys and liver.

1.8.3 Description of ecotoxicological properties of the chemical

Toxicity:
LC_{50} Fish 96h: 169 mg/l Species: Pimephales promelas
EC_{50} Daphnia 48h: 11,6 mg/l Species: D. magna

	Bioaccumulation: BCF: 13 Log Pow: 6.4e Marine pollutant category: D

PART II: FINAL REGULATORY ACTION

2.	**FINAL REGULATORY ACTION**			
2.1	**The chemical is:**	**θ banned**	**OR**	**X severely restricted**
2.2	**Information specific to the final regulatory action**			
2.2.1	**Summary of the final regulatory action**			
	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.			
2.2.2	**Reference to the regulatory document**			
	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".			
2.2.3	**Date of entry into force of the final regulatory action**			
	1 January 2001			

2.3	**Was the final regulatory action based on a risk or hazard evaluation?**	**X Yes**	**θ No**
	If yes, give information on such evaluation		
	Based on intrinsic properties of the chemical substance.		
	Reference to the relevant documentation		
	EU bans and restrictions Directive 76/769/EEC.		

2.4	**Reasons for the final regulatory action**		
2.4.1	**Is the reason for the final regulatory action relevant to the human health?**	**X Yes**	**θ No**
	If yes, give summary of the known hazards and risks presented by the chemical to human health, including the health of consumers and workers		
	This compound has caused birth defects in two different animal species. 1,1-Dichloroethylene is irritating to the respiratory system and skin. Symptoms at high levels are headache, dizziness and nausea. Splashes in the eyes of 1,1-dichloroethylene containing a high concentration of inhibitor may give permanent reduction of vision. Carcinogenic in animal experiments.		
	Reference to the relevant documentation		

	Expected effect of the final regulatory action

2.4.2	**Is the reason for the final regulatory action relevant to the environment?**	θ **Yes** X **No**
	If yes, give summary of the known hazards and risks to the environment	
	Reference to the relevant documentation	
	Expected effect of the final regulatory action	

2.5	**Category or categories where the final regulatory action has been taken**	
2.5.1	**Final regulatory action has been taken for the chemical category**	X **Industrial**
	Use or uses prohibited by the final regulatory action	
	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. 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". By way of derogation this provision shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC.	
	Use or uses that remain allowed	
	All other uses not listed in the table above.	

2.5.2	**Final regulatory action has been taken for the chemical category**	θ **Pesticide**
	Formulation(s) and use or uses prohibited by the final regulatory action	
	Formulation(s) and use or uses that remain allowed	

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

2.7	Other relevant information that may cover:	
2.7.1	Assessment of socio-economic effects of the final regulatory action	
2.7.2	Information on alternatives and their relative risks	
2.7.3	Relevant additional information	

PART III : GOVERNMENT AUTHORITIES

Ministry/Department and authority responsible for issuing/enforcing the final regulatory action	
Institution	Environmental State Inspectorate
Address	Rupniecibas iela 23 Riga LV-1045 Latvia
Telephone	+371 7325209; +371 7321200; +371 7320506
Telefax	+371 7321577
E-mail address	vvi@vvi.gov.lv
Designated National Authority	
Institution	Latvian Environment Agency
Address	Straumes iela 2 Jurmala LV-2015 Latvia
Name of person in charge	Arnis Ludborzs
Position of person in charge	Head, Division of Chemicals Register
Telephone	+371 7755409
Telefax	+371 7764162
E-mail address	Arnis.Ludborzs@lva.gov.lv

Date, signature of DNA and official seal: Director DNA Ilze Kirstuka

LATVIJAS REPUBLIKAS VIDES AGENTŪRA VIDES MINISTRIJA