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**	Benzidine
1.2	**Chemical name according to an internationally recognized nomenclature (e.g. IUPAC), where such nomenclature exists**	(1,1'-Biphenyl)-4,4'-diamine
1.3	**Trade names and names of preparations**	Benzidine
1.4	**Code numbers**	
1.4.1	**CAS number**	92-87-5
1.4.2	**Harmonized System customs code**	2921 59 90
1.4.3	**Other numbers (specify the numbering system)**	EINECS 202-199-1 UN 1885

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: 6.1
	UN Pack Group: II

Other classification systems	Hazard class
EU Classification	T; N
	R: 45-22-50-53
	S: 53-45-60-61
	Note: E

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	402°C
Melting point	128°C
Vapour pressure	0.000009 kPa
Solubility in water	400 mg/l

1.8.2 Description of toxicological properties of the chemical

LD_{50} Oral rat: 309 mg/kg body weight

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:
This substance is carcinogenic to humans.

1.8.3 Description of ecotoxicological properties of the chemical

LC_{50} Fish 96h: 2,5 mg/l Species: Notropis lutrensis
EC_{50} Daphnia 48h: 0,6 mg/l
IC_{50} Algae 72h: 4,5 mg/l

Bioaccumulation:
BCF: 55
Log Pow: 1.81

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 jokes and hoaxes or in objects intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. 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 The compound may damage the blood, liver and kidneys. Ingestion: Leads to nausea and vomiting. See above. Skin contact: Taken up through intact skin. The compound has been shown to be carcinogenic. Textiles and leather products containing azo dyes can release aryl amines that may cause cancer.		
	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?**	**X Yes**	**θ No**
	If yes, give summary of the known hazards and risks to the environment The substance is toxic to aquatic organisms.		

	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 jokes and hoaxes or in objects intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. 2. However, paragraph 1 does not apply to stink bombs containing not more than 1,5 ml of liquid.	
	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
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E-mail address	Arnis.Ludborzs@lva.gov.lv

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