

- Ministry of Health and Welfare: Japan, *Toxicity Testing Reports of Environmental Chemicals* 5, 429-442 (1997)
- NORSOLOR/APC, Inductest performed by Institut Pasteur de Paris (M. Hofnung), Contract 133 (1977)
- Toxicity Information (Monsanto Industrial Chemicals Co., Bancroft Bldg., Suite 204, 3411 Silverside Rd., Wilmington, DE 19810) (1972)
- Toxikologische Bewertung. Heidelberg, Berufsgenossenschaft der chemischen Industrie, 103, 28 p (1993)
- Wheeler, A.G. *et al.*, *Toxicologist*, 5, 189 (1985)

Appendix 1

scenario 1

	emission rate	conc.	amount	percent	transformation rate [kg/h]	
	[kg/h]	[g/m ³]	[kg]	[%]	reaction	advection
air	1,000	9.5.E-08	9.5.E+02	0.1	2.4E+00	9.5.E+00
water	0	4.2.E-02	8.4.E+05	46.5	6.8E+01	8.4.E+02
soil	0	6.0.E-01	9.7.E+05	53.3	7.7E+01	
sediment		3.3.E-02	3.3.E+03	0.2	2.7E-01	6.7.E-02
		total amount	1.8.E+06			

scenario 2

	emission rate	conc.	amount	percent	transformation rate [kg/h]	
	[kg/h]	[g/m ³]	[kg]	[%]	reaction	advection
air	0	4.3.E-12	4.3.E+02	0.0	1.1.E-04	4.3.E-04
water	1000	4.6.E-02	9.3.E+05	99.6	7.4.E+01	9.3.E+02
soil	0	2.7.E-05	4.3.E+01	0.0	3.5.E-03	
sediment		3.7.E-02	3.7.E+03	0.4	2.9.E-01	7.3.E-02
		total amount	9.3.E+05			

scenario 3

	emission rate	conc.	amount	percent	transformation rate [kg/h]	
	[kg/h]	[g/m ³]	[kg]	[%]	reaction	advection
air	0	7.9.E-10	7.9.E+00	0.0	2.0.E-02	7.9.E-02
water	0	4.2.E-02	8.3.E+05	40.5	6.7.E+01	8.3.E+02
soil	1000	7.6.E-01	1.2.E+06	59.3	9.8.E+01	
sediment		3.3.E-02	3.3.E+03	0.2	2.6.E-01	6.6.E-02
		total amount	2.1.E+06			

scenario 4

	emission rate	conc.	amount	percent	transformation rate [kg/h]	
	[kg/h]	[g/m ³]	[kg]	[%]	reaction	advection
air	600	5.7.E-08	5.7.E+02	0.0	1.5.E+00	5.7.E+00
water	300	4.3.E-02	8.7.E+05	55.1	7.0.E+01	8.7.E+02
soil	100	4.4.E-01	7.0.E+05	44.6	5.6.E+01	
sediment		3.4.E-02	3.4.E+03	0.2	2.7.E-01	6.9.E-02
		total amount	1.6.E+06			

Physico-chemical parameter

molecular weight	129.08	Measured	Temp. [°C]	25
melting point	330	Measured		
vapor pressure [Pa]	5.00E-03	Measured		
water solubility [g/m ³]	2700	Measured		
log Kow	0.3	Measured		
half life [h]	in air	272	Estimated	
	in water	8640	Estimated	
	in soil	8640	Estimated	
	in sediment	8640	Estimated	

Environmental parameter

		volume	dept h	area	organic	lipid content	density	residence
		[m ³]	[m]	[m ²]	carbon [°]	[°]	[kg/m ³]	time [h]
bulk air	air	1.0E+13					1.2	100
	particles	2.0E+03						
	total	1.0E+13	1000	1E+10				
bulk water	water	2.0E+10					1000	1000
	particles	1.0E+06			0.04		1500	
	fish	2.0E+05				0.05	1000	
	total	2.0E+10	10	2E+09				
bulk soil	air	3.2E+08					1.2	
	water	4.8E+08					1000	
	solid	8.0E+08			0.04		2400	
	total	1.6E+09	0.2	8E+09				
bulk sediment	water	8.0E+07					1000	
	solid	2.0E+07			0.06		2400	50000
	total	1.0E+08	0.05	2E+09				

Intermedia Transport Parameters

m/h

air side air-water MTC	5	soil air boundary layer MTC	5
water side air water MTC	0.05	sediment-water MTC	1E-04
rain rate	1E-04	sediment deposition	5E-07
aerosol deposition	6E-10	sediment resuspension	2E-07
soil air phase diffusion MTC	0.02	soil water runoff	5E-05
soil water phase diffusion MTC	1E-05	soil solid runoff	1E-08

EXTRACT FROM IRPTC LEGAL FILES

File: 17.01 LEGAL

rn : 303375

systematic name:1,3,5-Triazine-2,4,6(1H,3H,5H)-trione
 common name :cyanuric acid
 reported name :ISOCYANURIC ACID
 cas no :108-80-5
 area : CAN type : REG

subject	specification	descriptor
USE STORE LABEL	OCC	RQR

INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.

entry date: APR 1991

effective date: 31DEC1987

amendment: CAGAAK, Canada Gazette Part II, 122 , 2 , 551 ,

File: 17.01 LEGAL

rn : 1122611

systematic name:1,3,5-Triazine-2,4,6(1H,3H,5H)-trione
 common name :cyanuric acid
 reported name :cyanuric acid
 cas no :108-80-5
 area : RUS type : REG

subject	specification	descriptor
AIR	OCC	MAC CLASS

CLV : 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II

entry date: MAY 1990

effective date: 01JAN1989

amendment: GOSTS*, GOSUDARSTVENNYI STANDART SSSR (STATE STANDARD OF USSR), 12.1.005 , , , 1988

File: 17.01 LEGAL

rn : 1123035

systematic name:1,3,5-Triazine-2,4,6(1H,3H,5H)-trione
 common name :cyanuric acid
 reported name :cyanuric acid
 cas no :108-80-5
 area : RUS type : REG

subject	specification	descriptor
AQ	SURF	MAC CLASS

6.0 MG/L HAZARD CLASS: III
entry date: JUL 1990

effective date: 1JAN1989

amendment: SPNPV*, SANITARNYE PRAVILA I NORMY OKHRANY POVERKHNOSTNYKH
VOD OT ZAGRIAZNENIA (HEALTH REGULATION AND STANDARDS OF
SURFACE WATER PROTECTION FROM CONTAMINATION), 4630-88 , , ,
1988

File: 17.01 LEGAL

rn : 1320069

systematic name:1,3,5-Triazine-2,4,6(1H,3H,5H)-trione

common name :cyanuric acid

reported name :cyanuric acid

cas no :108-80-5

area : USA

type : REG

subject	specification	descriptor
CLASS		RQR
MANUF		PRMT

REGISTRATION STANDARD, CHLORINATED ISOCYANURATES, 1987.; Summary - THIS
SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH
REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A
REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC
CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE
INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST
SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE.
INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO
EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE
REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD
TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.

entry date: JAN 1992

effective date: 1988

title: FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES
FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

original : FEREAC, Federal Register, 54 , 34 , 7740 , 1989

amendment: FEREAC, Federal Register, 54 , 34 , 7740 , 1989

FOREWORD

INTRODUCTION

1-Chloro-2-nitrobenzene

CAS: 88-73-3

SIDS Initial Assessment Report**For****SIAM 13**

(Bern, Switzerland, 6-9 November 2001)

- 1. Chemical Name:** 1-Chloro-2-nitrobenzene
- 2. CAS Number:** 88-73-3
- 3. Sponsor Country:** Germany
Name of lead organization: BMU (Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit)
Contact person: Prof. Dr. Ulrich Schlottmann
Address: Postfach 12 06 29, D- 53048 Bonn- Bad Godesberg
- 4. Shared Partnership with:**
- 5. Roles/Responsibilities of the Partners:**
 - Name of industry sponsor /consortium
 - Process used
- 6. Sponsorship History**
 - How was the chemical or category brought into the OECD HPV Chemicals Programme ?
- 7. Review Process Prior to the SIAM:**
- 8. Quality check process:**
- 9. Date of Submission:** 14. September 2001
- 10. Date of last Update:** Last literature search (up date):
16 August 2001 (Human Health): databases medline, toxline; searchprofile CAS-No. and special search terms
24 July 2001 (Ecotoxicology): databases CA, biosis; searchprofile CAS-No. and special search terms
- 11. Comments:** OECD/ICCA - The BUA Peer Review Process
Qualified BUA personnel (toxicologists, ecotoxicologists) perform a quality control on the full SIDS dossier submitted by industry. This quality control process follows internal BUA

guidelines/instructions for the OECD/ICCA peer review process and includes:

- a full (or update) literature search to verify completeness of data provided by industry in the IUCLID/HEDSET
- Review of data and assessment of the quality of data
- Review of data evaluation
- Check of adequacy of selection process for key studies for OECD endpoints, and, where relevant, for non-OECD endpoints by checking original reports/publications
- Review of key study description according robust summaries requirements; completeness and correctness is checked against original reports/publications (if original reports are missing: reliability (4) not assignable)
- Review of validity of structure-activity relationships
- Review of full SIDS dossier (including SIAR, SIAP and proposal for conclusion and recommendation for further work)
- In case of data gaps, review of testing plan or rationale for not testing.

