

## SUMMARY OF RISK MANAGEMENT MEASURES FOR THE USE OF DICHLORO(DIMETHYL)SILANE CAS 75-78-5.

Chemical safety assessments have been performed to assess the risk associated with the following uses :

Identified use	Sector of Use - main user groups (SU)	Sector of Use – sectors of end-use	Preparation Category (PC)	Process category (PROC)	Article category (AC)	Environmental Release Category (ERC)
Monomer	SU3	SU8	PC19	PROC1, 8B	N/A	ERC6C
Intermediate	SU3	SU8, 9	PC19	PROC1, 2, 8B	N/A	ERC6A
Non-metal surface treatment agent	SU3	SU8, 13	PC15	PROC1, 2, 8B	N/A	ERC6A, 6D
Semiconductor manufacture	SU3	SU16	PC33	PROC1, 8B	N/A	ERC6A

Safe use has been demonstrated by calculation of risk characterisation ratios. These are based on the following risk management measures:

Exposure scenario	Description	General measures	Specific Human Health risk management measures	Specific Environment risk management measures
ES1	Production (site specific)	(i) Rigorous containment and safe handling in line with industry best practice.  (ii) Procedural and technological control using Best Available Technique (BAT)	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): Fluorinated or nitrile rubber gloves/ gauntlets; Full-face respirator with ABEK-filter; Goggles or face shield and Self-contained, positive pressure breathing apparatus (for prolong or high exposures) (ii) Specific workers' training	(i) Use of air emission abatement equipments such as incinerators, scrubbers and fabric filters. (ii) Treatment of effluent in biological waste water treatment plant. (iii) Incineration of waste
ES2, ES3, ES4 and ES5	Monomer, Chemical intermediate, Non-metal surface treatment and Semiconductor manufacturing (generic)	Rigorous containment and safe handling in line with industry best practice.	(i) Local Exhaust ventilation (LEV) (ii) Personal Protective Equipment (PPE): Fluorinated or nitrile rubber gloves/ gauntlets; Full-face respirator with ABEK-filter; Goggles or face shield and Self-contained, positive pressure breathing apparatus (for prolong or high exposures) (iii) Workers' training	(i) Use of air emission abatement equipments such as incinerators, scrubbers and fabric filters. (ii) Treatment of effluent in waste water treatment plant.