## MATERIAL SAFETY DATA SHEET

Required under OSHA's Hazard Communication Standard 29 CFR 1910.1200

NITTA CORPORATION Address(Number,Street,City,									
Address(Number,Street,City,	Manufacturer's Name			hone Number					
Address(Number,Street,City,	NITTA CORPORATION				81-6-6563-1211 (NITTA CORPORATION, OSAKA, JAPAN)				
1-26 CAKLIDACAMA	State,and ZIP Code)		Telephone Number						
+-20, SANUKAGAWA	4-CHOME, NANIV	VA-KU		(NITTA CORPC	RATION, OSAKA,	JAPAN)			
			Date Prepared						
OSAKA, 556-0022, JAPAN			15. OCT. 2009 Signature of Preparer(optional)						
Section II -Hazardous Ing	redients/Identity Infor	mation							
Hazardous Components					Other Limits	. %			
Specific Chemical Identity ;	Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV TWA	Recommended	(optional)			
Methane,Dichloro-:Methylene	e Chloride (M-C)	75-09-2	TWA 500ppm	50ppm•A2	MSHA TWA	60			
nochario, promoto interritorio	C CHICHAG (W C)	70 00 Z	CL 1000ppm	(172mg/m3•A		00			
			pk	(172mg/mo-A	(1750mg/m3)				
			2000ppm/5M/2H		DOT				
			Δυσυμμιτή σινή ΖΠ		None				
Eye,Skin : Irritant , Toxic (M	I-C)				NIOSH-REL				
Lye, Skiii . Irritant , Toxic (M	1 0)				TWA 75ppm				
					CL 500ppm/15M				
socyanate (NCO)		_	None	None	None	40			
Section III —Physical/Che	emical Characteristics 41.6°C (M-C)		Specific Gravity	[1.3	84 (M-C)				
			(H2O = 1)						
Vapor Pressure(mm Hg)	350mmHg at 20°C(N	<b>/</b> I−C)	Melting Point	-9	6 °C(M-C)				
, apo. 1 1 000a. 0 ( 1.8)	2.9 (M-C)		Evaporation Rate	6.6	(M-C) Not Evapo				
Vapor Density(AIR = 1)	2.9 (M-C)				adak nakmal aanditi				
/apor Density(AIR = 1)			(Butyl Acetate =		nder normal conditi				
/apor Density(AIR = 1)	very small (M-C)	rming CO2 (NO	(Butyl Acetate =		nder normal conditi				
Vapor Density(AIR = 1) Solubility in Water		rming CO2 (NO	(Butyl Acetate =		nder normal conditi				
Vapor Density(AIR = 1) Solubility in Water Appearance and Odor	very small (M-C) React with water fo	rming CO2 (NO	(Butyl Acetate =		nder normal conditi				
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Vapor Density(AIR = 1)  Solubility in Water  Appearance and Odor  Light yellow liquid, Esterlike of Section IV—Fire and Expl	very small (M-C) React with water fo	rming CO2 (NO	(Butyl Acetate =	1) ur		on(NCO)			
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Section V-Read	tivity Data								
Stability	Unstable		Condition to Avoid						
	Stable	×							
Incompatibility ( Mat	erials to A	void )							
water, alcohol, amine, acid, and alkali									
Hazardous Decomposition or Byproducts									
			bly CO), r	nitrogen oxides ar	nd hydrogen chlo	oride.			
Hazardous	Combustion will produce CO2 ( and probably CO ), nitrogen oxides and hydrogen chloride.    Avoid   Conditions to Avoid   Conditions								
Polymerization									
•	Will Not O	ccur	×						
Section VI-Healt	:h Hazard [	Data							
Route(s) of Entry:		Inhalation	?	Skir	n ?	Ingestion ?			
		×		×		×			
Health Hazards (Acu	te and Chr	onic)							
		Eye ; Irrita	ant		Skin ; Irritant				
		Toxic; LD	050 (oral-ra	at) 2130mg (1.3m	I)/kg (M-C)				
				og) 3000mg/kg (M					
Carcinogenicity:		NTP?		IAR	C Monographs?	OSHA Regulated?			
	Po	sitive (M-	-C)		None	None			
		(Mouse, R	lat)						
Signs and Symptoms	of Exposu	ire							
Excessive exposure	can result	in irritating	g to eyes a	nd skin.					
Medical Conditions									
Generally Aggravate									
Slide narcosis, cente									
<b>Emergency and First</b>	: Aid Proce	dures	In case of	contact, immedia	ately flush eyes o	or skin with plenty of water			
						ng two glasses of water and			
sticking finger down					sh air. Call a phy	sician.			
Section VII-Prec	autions for	Safe Han	dling and L	lse					
Steps to Be Taken in Case Material is Released or Spilled									
Remove all sources						sorbent materials.			
Sweep or shovel into	approved	disposal c	ontainer. F	lush area with wa	iter.				
Waste Disposal Meth									
Incinerate only in off									
(Dispose in accordar				l regulations.)					
Precautions to Be Taken in Handling and Storing									
Store in cool, dry, dark and well-ventilated place. Avoid moisture.									
Keep the bottle closed when not in use.									
Other Precautions									
Avoid contact with skin and eyes, breathing vapor or mist.									
Section WII-Cont									
Respiratory Protection (Specify Type)									
Use adequate ventilation in working area									
Ventilation	Local Exh	aust			Special				
		1/0 "	Acceptabl	le	0.1	Preferred			
	Mechanica	ai(General)	Г.		Other	D ( )			
Durata athur Oliver			Preferred	l-	Durate at ' : :	Preferred			
Protective Gloves	Dukk 1			Eye	Protection	.6.4			
Other Dustastina Ol	Rubber glo				Sa	afety goggles			
Other Protective Clothing or Equipment									
Protective clothing Work/Hygienic Practices									
WORK/ myglenic Pract	เ <b>ices</b> Not Knowi	•							
	INOL VIIOM	H .							