		U			a Basel I	CRYSTRAN
		-		DIDE OPTICAL CR ulation (EC) No.1907/2006 (UV · VISIBLE · IR SPECIALIST OPTICS
		Act	ording to Regi	ulation (EC) NO. 1907/2000 (1		ion 2015 : Issued 28th October 2015
1.	IDENTIFICATION O	OF THE SUBSTA	NCE AND T	HE COMPANY		
	1.1. PRODUCT IDENTIFI					
	Product Name: Synonyms, Trade Names		· · ·	sium Iodide) Optical Crystal		
				R MIXTURE AND USES ADV	VISED AGAINST	
	Identified Uses:			manufacture of Optical Compo		
	1.3. DETAILS OF THE SU					15.4
	Company:		+44 1202 30765	1 Broom Road Business Park, 2	Poole, Dorset UK BH124	4PA
	1.4. EMERGENCY TELEF		144 1202 50705	0		
	Emergency Phone:			0 (Monday to Friday 08:30 to 1		
	Emergency Action:					ur doctor or local hospital accident le to contact the National Poisons
			formation Servic	e e	ii piolessionai wili de ad	ne to contact the National Poisons
2.	HAZARDS IDENTIF	ICATION				
	2.1. CLASSIFICATION OF					
	If swallowed can cause n 2.2. LABEL ELEMENTS	nausea, vomiting, stoma	ch pains and diar	rhoea. Particular care must be e	xercised when machining	and creating dust or particles.
	Signal Word: Warnin	ng				
		e harmful if swallowed				HMIS PRODUCT IDENTIFIER
		s skin irritation s serious eye irritation				HEALTH 2
	Precautionary Statements	•				FLAMMABILTY 0 PHYSICAL HAZARD 1
	P264 Wash	thoroughly after handlin	ng.		•	PERSONAL PROTECTION B
	P301+P310 IF SW	ALLOWED. Immediat	elv call a poison	centre or doctor. Rinse mouth.		
						Safety Glasses Gloves
	2.3. OTHER HAZARDS None					
	None					
3.		FORMATION ON	N INGREDIE	ENTS		
	3.1. SUBSTANCES	CAR 1	0/			
	Component Name Caesium Iodide	CAS number 7789-17-5	% 100%	EC number (EINECS) 232-145-2	EU index Not Listed	UN number Not Listed
4.	FIRST AID MEASURES					
	4.1. DESCRIPTION OF FI	RST AID MEASURE				
		It a doctor for specific a		inutes. Obtain medical attention		
				a with clean towel. Remove con		ash clothing before re-use.
						ult, properly trained personnel may
				and at rest. Obtain medical atte		oughly with water. Never make an
	uncons	scious person vomit or o	lrink fluids. Obta	in Medical Attention Immediate	ely!.	oughly with water. Hever make all
	4.2. MOST IMPORTANT S		FECTS, BOTH	ACUTE AND DELAYED		
	Refer to Section 2.2 and t 4.3. INDICATION OF ANY		ICAL ATTENT	ION AND SPECIAL TREAT	MENT NEEDED	
	No Data.					
5.	FIRE FIGHTING ME					
	5.1. EXTINGUISHING ME This product does not bu					
	5.2. SPECIAL HAZARDS		E SUBSTANCE	OR MIXTURE		
	Material may evolve toxi					
	5.3. ADVICE FOR FIREFI Use breathing apparatus					
6.	ACCIDENTAL RELI		S			
	6.1. PERSONAL PRECAU	TIONS, PROTECTIV	E EQUIPMENT	T AND EMERGENCY PROC	CEDURES	
	Wear suitable protective 6.2. ENVIRONMENTAL P	0 1 1	as listed under Se	ction 8. Avoid making dust.		
			oduct enter drain	s. Do not discharge to the enviro	onment.	
	6.3. METHODS AND MAT				1. 1	
	Take up and containerize	e for proper disposal. Co		eaning materials used for prope	er disposal.	
		e for proper disposal. Co HER SECTIONS			er disposal.	
	Take up and containerize 6.4. REFERENCE TO OTH	e for proper disposal. Co HER SECTIONS			er disposal.	
	Take up and containerize 6.4. REFERENCE TO OTH	e for proper disposal. Co HER SECTIONS			r disposal.	
	Take up and containerize 6.4. REFERENCE TO OTH	e for proper disposal. Co HER SECTIONS			r disposal.	

SAFETY DATA SHEET

CRYSTRAN LTD

FAX +44 1202 307651 Registered in England No.2863378

CRYSTRAN

SAFETY DATA SHEET

CAESIUM IODIDE OPTICAL CRYSTAL

According to Regulation (EC) No.1907/2006 (REACH)



TANDING AND GRODAGE					
<u>HANDLING AND STORAGE</u>					
7.1. PRECAUTIONS FOR SAFE HANDLIN	NG:				
Keep away from heat. Avoid contact with	skin and eyes. F	Protect against physical dam	age. Avoid generating du	ıst.	
7.2. CONDITIONS FOR SAFE STORAGE,	INCLUDING	ANY INCOMPATIBILI	TIES		
Keep away from foodstuffs. Keep away fro	m strong acids	.			
7.3. SPECIFIC END USES					
Optical Material for Manufacture of Optica	l Components.				
EXPOSURE CONTROL AND PER	RSONAL P	ROTECTION			
8.1. CONTROL PARAMETERS					
OCCUPATIONAL EXPOSURE LIMITS	(OEL) = None	Assigned			
EXPOSURE CONTROLS		6			
Protective gloves made of PVA are require	d. Use of a lab	oratory coat is suggested. Sa	fety goggles or safety gla	asses with	side shields are required if there is any
possibility of chipping or dust creation. Re	spirators must	be worn when the threshold	l limit is exceeded. Provi	de adequ	ate general mechanical ventilation, and
local exhaust ventilation. Wash hands imm	ediately after h	andling the product.			0
PHYSICAL AND CHEMICAL PR					
9.1. INFORMATION ON BASIC PHYSICA					
		c shapes, no odour.	FLASH POINT:		Not Applicable
BOILING POINT (760mm Hg) 1280°	-	e shapes, no ouour.	FLAMMABILITY:		Not Applicable
MELTING POINT: 621°C			EXPLOSIVE PROPER	TIES	Not Applicable
SPECIFIC GRAVITY: 4.51 g			VAPOUR PRESSURE:		Negligible at 25°C
6	00ml H ₂ O at 20)°C	pH IN AQUEOUS SOL		66
6	$_{2}$ O at $_{2}$ O		PH IN AQUEOUS SOL	JUTION:	Not determined
9.2. OTHER SAFETY INFORMATION None					
0. STABILITY AND REACTIVITY	10.0		DDOUG 10		
10.1. REACTIVITY	10.3.	POSSIBILITY OF HAZA	ARDOUS 10.		OMPATIBLE MATERIALS
Reacts with strong mineral acids.		REACTIONS	10		g Mineral Acids.
	10.4	None known			ARDOUS DECOMPOSITION
10.2. CHEMICAL STABILITY		CONDITIONS TO AVOI	D		DUCTS
Stable under normal conditions of storage	2	Avoid strong acids			mposition product is Hydrogen Iodide
and use. Dissolves in water. 1. <u>TOXICOLOGICAL INFORMATI</u> 11.1. INFORMATION ON TOXICOLOGI	<u>ON</u> cal effect	'S		gas.	
and use. Dissolves in water. 1. <u>TOXICOLOGICAL INFORMATI</u> 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (or	<u>ON</u> CAL EFFECT 1st. Particular c 9ral/rat)	S are must be exercised wher CARCINOGENICITY:		gas. dust or p	particles. Inhalation of dust may irritate
and use. Dissolves in water. 1. <u>TOXICOLOGICAL INFORMATI</u> 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC	<u>ON</u> CAL EFFECT 1st. Particular c 9ral/rat)	S are must be exercised wher CARCINOGENICITY:		gas. dust or p	particles. Inhalation of dust may irritate
and use. Dissolves in water. 1. <u>TOXICOLOGICAL INFORMATI</u> 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (of MUTAGENICITY/TERATOGENIC 2. <u>ECOLOGICAL INFORMATION</u>	<u>ON</u> CAL EFFECT 1st. Particular c 9ral/rat)	S are must be exercised wher CARCINOGENICITY : ace of reproductive effects.	No evidence of carcinog	gas. dust or p	particles. Inhalation of dust may irritate
and use. Dissolves in water. 1. <u>TOXICOLOGICAL INFORMATI</u> 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC) 2. <u>ECOLOGICAL INFORMATION</u> 12.1. TOXICITY	ON CAL EFFECT 1st. Particular c oral/rat) TY: No evider	S are must be exercised wher CARCINOGENICITY : ace of reproductive effects.	No evidence of carcinog	gas. dust or p	particles. Inhalation of dust may irritate
and use. Dissolves in water. 1. <u>TOXICOLOGICAL INFORMATI</u> 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC) 2. <u>ECOLOGICAL INFORMATION</u> 12.1. TOXICITY Danger to drinking water due to solubility	ON CAL EFFECT 1st. Particular c oral/rat) TY: No evider 7.	TS eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4.	No evidence of carcinog MOBILITY IN SOIL No Data	gas. dust or p genic prop	particles. Inhalation of dust may irritate
and use. Dissolves in water. 1. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC: 2. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABIL	ON CAL EFFECT 1st. Particular c oral/rat) TY: No evider 7.	TS eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN	gas. dust or p genic prop ND vPvB	particles. Inhalation of dust may irritate
and use. Dissolves in water. I. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC) 2. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data	DN CAL EFFECT 1st. Particular c pral/rat) TY: No evider 7. TY	TS eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducted	gas. dust or p genic prop ND vPvB ed	particles. Inhalation of dust may irritate perties.
and use. Dissolves in water. . TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC: . ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABIL	DN CAL EFFECT 1st. Particular c pral/rat) TY: No evider 7. TY	TS eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN	gas. dust or p genic prop ND vPvB ed	particles. Inhalation of dust may irritate perties.
and use. Dissolves in water.	DN CAL EFFECT 1st. Particular c pral/rat) TY: No evider 7. TY	TS eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A	gas. dust or p genic prop ND vPvB ed	particles. Inhalation of dust may irritate perties.
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC) ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS 	DN CAL EFFECT 1st. Particular c pral/rat) TY: No evider 7. TY	TS eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A	gas. dust or p genic prop ND vPvB ed	particles. Inhalation of dust may irritate perties.
and use. Dissolves in water. 1. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of de respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC. 2. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data 12.3. BIOACCUMULATIVE POTENTIAI No Data 3. DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS	ON CAL EFFECT Ist. Particular c pral/rat) TY: No evider 7. TTY	S eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data	gas. dust or p genic prop ND vPvB xd FFECTS	particles. Inhalation of dust may irritate perties. ASSESSMENT
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC ECOLOGICAL INFORMATION TOXICITY Danger to drinking water due to solubility PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS WASTE TREATMENT METHODS Chemical residues are generally classifi 	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY	Seare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data	gas. dust or p genic prop ND vPvB xd FFECTS	particles. Inhalation of dust may irritate perties. ASSESSMENT
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a 	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY	Seare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data	gas. dust or p genic prop ND vPvB xd FFECTS	particles. Inhalation of dust may irritate perties. ASSESSMENT
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a TRANSPORT INFORMATION 	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY	S care must be exercised wher CARCINOGENICITY: nee of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a	gas. dust or p genic prop ND vPvB xd FFECTS according	particles. Inhalation of dust may irritate perties. ASSESSMENT
and use. Dissolves in water.	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY	S eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N	gas. dust or p genic prop ND vPvB d FFECTS according	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste
and use. Dissolves in water.	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY ed as special v chemical disp	S eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I	gas. dust or p genic prop vD vPvB ad FFECTS according lone HAZARI	particles. Inhalation of dust may irritate perties. ASSESSMENT g to location. Contact your local waste
and use. Dissolves in water. . TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC . ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data 12.3. BIOACCUMULATIVE POTENTIAI No Data 3. DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a 4. TRANSPORT INFORMATION 14.1. UN NUMBER: None 14.2. UN PROPER SHIPPING NAME: Not a Hazardous Material for transportat	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY ed as special v chemical dispu	S eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6.	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I SPECIAL PRECAUTI	gas. dust or p genic prop ed FFECTS according Jone HAZARI IONS FO	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None OR USER: None
and use. Dissolves in water. 4. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of du respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC 2. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data 12.3. BIOACCUMULATIVE POTENTIAI No Data 3. DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a 4. TRANSPORT INFORMATION 14.1. UN NUMBER: None 14.2. UN PROPER SHIPPING NAME: Not a Hazardous Material for transportat 14.3. TRANSPORT HAZARD CLASS: Non	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY ed as special v chemical dispu	S eare must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I	gas. dust or p genic prop ed FFECTS according Jone HAZARI IONS FO	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None OR USER: None
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1 INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC ECOLOGICAL INFORMATION 12.1 TOXICITY Danger to drinking water due to solubility 12.2 PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS 13.1 WASTE TREATMENT METHODS Chemical residues are generally classifi disposal authority for advice, or pass to a TRANSPORT INFORMATION 14.1 UN NUMBER: None 14.3 TRANSPORT HAZARD CLASS: Non 	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY ed as special v chemical dispu-	S care must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6. 14.7.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I SPECIAL PRECAUTI TRANSPORT IN BUL	gas. dust or p genic prop ed FFECTS according lone HAZARI IONS FO JK MAR	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None PR USER: None POL / IBC: No Data
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1 INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of drespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC. ECOLOGICAL INFORMATION 12.1 TOXICITY Danger to drinking water due to solubility 12.2 PERSISTENCE AND DEGRADABII No Data 12.3 BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS 13.1 WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a TRANSPORT INFORMATION 14.1 UN NUMBER: None 14.2 UN PROPER SHIPPING NAME: Not a Hazardous Material for transportar 14.3 TRANSPORT HAZARD CLASS: Not SEGULATORY INFORMATION 15.1 SAFETY, HEALTH AND ENVIRON TSCA: Listed in the TSCA inventory 	ON CAL EFFECT ist. Particular c pral/rat) TY: No evider 7. TY ITY ed as special v chemical dispu-	S care must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6. 14.7.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I SPECIAL PRECAUTI TRANSPORT IN BUL	gas. dust or p genic prop ed FFECTS according lone HAZARI IONS FO JK MAR	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None PR USER: None POL / IBC: No Data
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1 INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of drespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC. ECOLOGICAL INFORMATION 12.1 TOXICITY Danger to drinking water due to solubility 12.2 PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data BISPOSAL CONSIDERATIONS 13.1 WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a TRANSPORT INFORMATION 14.1 UN NUMBER: None 14.2 UN PROPER SHIPPING NAME: Not a Hazardous Material for transportations 5. <u>REGULATORY INFORMATION</u> 15.1 SAFETY, HEALTH AND ENVIRON TSCA: Listed in the TSCA inventory 	ON CAL EFFECT Ist. Particular c pral/rat) TY: No evider 7. TTY ed as special v chemical disp ion te MENTAL REC	S care must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6. 14.7.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I SPECIAL PRECAUTI TRANSPORT IN BUL	gas. dust or p genic prop ed FFECTS according lone HAZARI IONS FO JK MAR	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None PR USER: None POL / IBC: No Data
 and use. Dissolves in water. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of durespiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (MUTAGENICITY/TERATOGENIC ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data BIOACCUMULATIVE POTENTIAI No Data DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS Chemical residues are generally classifidisposal authority for advice, or pass to a TRANSPORT INFORMATION 14.1. UN NUMBER: None 14.3. TRANSPORT HAZARD CLASS: Nor5 REGULATORY INFORMATION 15.1. SAFETY, HEALTH AND ENVIRON 	ON CAL EFFECT Ist. Particular c pral/rat) TY: No evider 7. TTY ed as special v chemical disp ion te MENTAL REC	S care must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6. 14.7.	MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I SPECIAL PRECAUTI TRANSPORT IN BUL	gas. dust or p genic prop ed FFECTS according lone HAZARI IONS FO JK MAR	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None PR USER: None POL / IBC: No Data
and use. Dissolves in water. 4. TOXICOLOGICAL INFORMATI 11.1. INFORMATION ON TOXICOLOGI Irritant by ingestion and inhalation of dr respiratory system. TOXIC DOSE - LD50 > 2386 mg/kg (c MUTAGENICITY/TERATOGENIC. 2. ECOLOGICAL INFORMATION 12.1. TOXICITY Danger to drinking water due to solubility 12.2. PERSISTENCE AND DEGRADABII No Data 12.3. BIOACCUMULATIVE POTENTIAI No Data 3. DISPOSAL CONSIDERATIONS 13.1. WASTE TREATMENT METHODS Chemical residues are generally classif disposal authority for advice, or pass to a 4. TRANSPORT INFORMATION 14.1. UN PROPER SHIPPING NAME: Not a Hazardous Material for transportat 14.3. TRANSPORT HAZARD CLASS: Not 5. REGULATORY INFORMATION 15.1. SAFETY, HEALTH AND ENVIRON TSCA: Listed in the TSCA inventory	ON CAL EFFECT Ist. Particular c pral/rat) TY: No evider 7. TTY ed as special v chemical disp ion te MENTAL REC 5 Crystran Ltd.	S are must be exercised wher CARCINOGENICITY: nce of reproductive effects. 12.4. 12.5. 12.6. waste, and are covered by osal company. 14.4. 14.5. 14.6. 14.7. GULATIONS / LEGISLA	No evidence of carcinog MOBILITY IN SOIL No Data RESULTS OF PBT AN Not required or conducte OTHER ADVERSE A No Data regulations which vary a PACKING GROUP: N ENVIRONMENTAL I SPECIAL PRECAUTI TRANSPORT IN BUL TION SPECIFIC FOR	gas. dust or p genic prop vD vPvB ed FFECTS according HAZARI IONS FO .K MAR THE SU	particles. Inhalation of dust may irritate perties. ASSESSMENT to location. Contact your local waste OS: None PR USER: None POL / IBC: No Data

CRYSTRAN LTD

1, Broom Road Business Park, Poole, Dorset, UK BH12 4PA Email: <u>sales@crystran.co.uk</u> <u>www.c</u>

2 4PA TEL: +44 1202 307650 www.crystran.co.uk FAX +44 1202 307651 Registered in England No.2863378