

# Crystex(TM) HD OT 20 Customer PO: 11007

Version 2.0 PRD	Revision Date: 08/10/2022	150	S Number: 000093079 US / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
SECTION	N 1. IDENTIFICATION			
Proc	luct name	:	Crystex(TM) HD (	DT 20
Proc	luct code	:	P3403808	
Man	ufacturer or supplier's	detai	ls	
Com	pany name of supplier	:	Flexsys America I	P.
Add	ress		260 Springside Dı Akron OH 44333-	
Eme	ergency telephone	:	CHEMTREC: +1	703-741-5970
Rec	ommended use of the	chemi	cal and restriction	ons on use
Rec	ommended use	:	Vulcanizing agent	:
Rest	trictions on use	:	None known.	

## **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR
1910.1200)
Computible dust

Combustible dust

GHS label elements Signal Word	:	Warning
Hazard Statements	:	May form combustible dust concentrations in air.
Precautionary Statements	:	<b>Prevention:</b> P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. P243 Take action to prevent static discharges.
		<b>Disposal:</b> P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regu- lations.

### Other hazards

None known.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

## Components



## Crystex(TM) HD OT 20

Customer PO: 11007

Version 2.0 PRD	Revision Date: 08/10/2022	SDS Number: 150000093079 SDSUS / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234	
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Chemical name	CAS-No.	Concentration (% w/w)
alphamethylstyrene	98-83-9	>= 0.1 - < 0.3
Actual concentration is withhel	d as a trade secret	

Flexsys is committed to the safety, health and environment of our employees, our customers, and the communities we operate within. As part of this commitment, Flexsys' Safety Data Sheets (SDS) are prepared in accordance with all applicable national and local regulations. The compositions of our documents reflect these requirements which include, but are not limited to, requirements under the Globally Harmonized System of Classification and Labeling (GHS). These compositions commonly involve the use of ranges versus specific analytical values. If you require a composition that is more specific , please refer to the Certificate of Analysis, sales specification, or contact your Customer Service Representative.

SECTION 4. FIRST AID MEASUR	ES	
If inhaled	:	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur. If breathing is difficult, give oxygen.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.
In case of eye contact	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. Seek medical advice.
Most important symptoms and effects, both acute and delayed	:	Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Dust contact with the eyes can lead to mechanical irritation. Prolonged skin contact may defat the skin and produce der- matitis.
Notes to physician	:	Treat symptomatically.

## **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	:	Water spray Carbon dioxide (CO2) Dry chemical Foam
Unsuitable extinguishing media	:	Do not use a solid water stream as it may scatter and spread fire.



# Crystex(TM) HD OT 20 Customer PO: 11007

Versior 2.0 PRD	Revision Date: 08/10/2022	15	DS Number: 0000093079 0SUS / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
	ecific hazards during fire hting	:	Avoid generating	irns with almost invisible flame. dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a losion hazard.
			Hazardous comb Sulfur oxides	ustion products
Fu	rther information	:	Fire residues and	neration and accumulation. contaminated fire extinguishing water must accordance with local regulations.
	ecial protective equipment fire-fighters	:		d positive pressure self-contained breathing tion to standard fire fighting gear.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- : tive equipment and emer- gency procedures	Avoid dust formation. Remove all sources of ignition. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Avoid contact with skin and eyes. Ventilate the area. Wear appropriate personal protective equipment. Local authorities should be advised if significant spillages cannot be contained.
Environmental precautions :	Clear up spills immediately and dispose of waste safely. Avoid release to the environment.
Methods and materials for : containment and cleaning up	Sweep up and shovel into suitable containers for disposal. Use explosion-proof electrical equipment. Non-sparking tools should be used. Clean contaminated surface thoroughly.

## **SECTION 7. HANDLING AND STORAGE**

Advice on safe handling	<ul> <li>Handle product only in closed system or provide appropriate exhaust ventilation at machinery. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Ground and bond container and receiving equipment. Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges. Minimize vertical drop distance in chutes and hoppers to prevent generation of dust clouds and static electrical charge. Totally or partially inert closed equipment to reduce oxygen content to below 7%. Minimize dust generation and accumulation. Drain or remove substance from equipment prior to break-in or maintenance.</li> </ul>
	or maintenance.



# Crystex(TM) HD OT 20 Customer PO: 11007

Version 2.0 PRD	Revision Date: 08/10/2022	15	DS Number: 50000093079 9SUS / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
		Wear appropriate personal protective equipment. Avoid breathing dust. Use only in area provided with appropriate exhaust ven Wash thoroughly after handling. Handle in accordance with good industrial hygiene and practice.		
Condit	tions for safe storage	:	place. Keep in a cool pla	ghtly closed in a dry and well-ventilated ace away from oxidizing agents. sources of ignition - No smoking.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
alphamethylstyrene	98-83-9	TWA	10 ppm	ACGIH
		ST	100 ppm 485 mg/m3	NIOSH REL
		TWA	50 ppm 240 mg/m3	NIOSH REL
		С	100 ppm 480 mg/m3	OSHA Z-1
		STEL	100 ppm 485 mg/m3	OSHA P0
		TWA	50 ppm 240 mg/m3	OSHA P0

Engineering measures :	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
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## Personal protective equipment

Respiratory protection	<ul> <li>Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.</li> <li>Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.</li> <li>If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.</li> </ul>
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### Hand protection



# Crystex(TM) HD OT 20 Customer PO: 11007

Ver 2.0 PRD	sion Revision 08/10/202	22 1	50	S Number: 000093079 US / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234				
	Remarks	:		Wear suitable glov resistant gloves.	ves. When handling hot material, use heat				
	Eye protection		,	Wear safety glass	es with side shields (or goggles).				
	Skin and body protection		: Wear suitable protective clothing.						
	Protective measur	res :		Ensure that eye flu located close to th	ushing systems and safety showers are e working place.				
SEC	CTION 9. PHYSICA		۸IC	AL PROPERTIES	3				
	Appearance		:	powder					
	Color		:	yellow					
	Odor		:	characteristic, ver	ry faint				
	Odor Threshold		:	not determined					
	рН		:	Not applicable					
	Melting point/rang	e	:	194 - 246 °F / 90	- 119 °C				
	Boiling point/boilir	ng range	:	not determined					
	Flash point		:	Not applicable					
	Evaporation rate		:	not determined					
	Flammability (soli	d, gas)	:	May form combus	stible dust concentrations in air.				
	Burning rate		:	< 2.22 mm/s					
	Upper explosion li flammability limit	mit / Upper	:	not determined					
	Lower explosion li flammability limit	mit / Lower	:	30 g/m3					
	Vapor pressure		:	< 0.01 hPa (68 °F	7 / 20 °C)				
	Relative vapor de	nsity	:	not determined					
	Relative density		:	approx. 1.61 (68 °	°F / 20 °C)				
	Density		:	1.6 g/cm3					
	Bulk density		:	350 - 550 kg/m3					



# Crystex(TM) HD OT 20 Customer PO: 11007

Ver 2.0 PRD	sion )	Revision Date: 08/10/2022	150	S Number: 0000093079 SUS / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
	Solubili Wat	ty(ies) er solubility	:	insoluble	
	Solubility in other solvents		:	Solvent: organic Description: partl	
	Partitio octanol	n coefficient: n- /water	:	Not applicable	
	Decom	position temperature	:	not determined	
	Viscosi Visc	ty :osity, dynamic	:	Not applicable	
	Visc	osity, kinematic	:	Not applicable	
	Explosi	ve properties	:	Not classified	
	Oxidizir	ng properties	:	Not classified	
	Dust de	eflagration index (Kst)	:	40.7 m.b_/s	
	Dust ex	plosion class	:	St1	
	Minimu	m ignition energy	:	45 mJ	

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	None reasonably foreseeable.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	None known.
Conditions to avoid	:	Minimize dust generation and accumulation.
Incompatible materials	:	Strong oxidizing agents Amines Strong bases
Hazardous decomposition products	:	Sulfur oxides

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

### Product:

Acute oral toxicity

: LD50 Oral (Rat): > 4,000 mg/kg Assessment: The substance or mixture has no acute oral tox-



# Crystex(TM) HD OT 20 Customer PO: 11007

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			icity				
Acute	inhalation toxicity	:	tion toxicity	e substance or mixture has no acute inhala -across from a similar material			
Acute dermal toxicity		:	<ul> <li>LD50 Dermal (Rabbit): &gt; 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity</li> </ul>				
Com	oonents:						
alpha	methylstyrene:						
Acute	oral toxicity	:	LD50 Oral (Rat)	: 4,900 mg/kg			
Acute	inhalation toxicity	:	LC50 (Rat): 34.2 Exposure time:				
Acute	e dermal toxicity	:	LD50 Dermal (F	abbit): 14,560 mg/kg			
	assified based on ava ponents:	ailable	information.				
alpha	methylstyrene:						
Spec		:	Guinea pig				
Resu	sure time It	:	24 h none				
	us eye damage/eye						
	assified based on ava	ailable	information.				
Prod Asse	uct: ssment		Not classified				
7336	JUIGHL	•					
	<u>oonents:</u>						
	methylstyrene:						
Speci Resu		:	Rabbit Irritating to eyes				
Resp	iratory or skin sensi	tizatio	n				
Skin	sensitization						
Not c	assified based on ava	ailable	information.				
-	iratory sensitization assified based on ava	ailable	information.				
Prod	uct:						



# Crystex(TM) HD OT 20 Customer PO: 11007

	08/10/	on Date: 2022	15	DS Number: 50000093079 DSUS / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
Germ	cell mut	tagenicity			
Not cl	assified b	based on avai	lable	information.	
Produ	uct:				
	cell muta ssment	agenicity -	:	Not classified	
Carci	nogenici	ity			
Not cl	assified b	based on avai	lable	information.	
<u>Produ</u>	uct:				
Rema	arks		:	Based on avail	able data, the classification criteria are not r
Carcir ment	nogenicit	y - Assess-	:	(EC) 1272/200	ed on DMSO extract content < 3% (Regulati 8, Annex VI, Part 3, Note L), Weight of evi- t support classification as a carcinogen
IARC		Group 2B: P alphameth		bly carcinogenic	to humans 98-83-9
OSH/	4			f this product pre f regulated carcir	sent at levels greater than or equal to 0.1%
			151 01	regulated carcil	logens.
NTP		No ingredier	nt of t	this product pres	logens. ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
	oductive	No ingredier identified as	nt of t	this product pres	ent at levels greater than or equal to 0.1% is
Repro		No ingredier identified as	nt of t a kn	this product pres own or anticipate	ent at levels greater than or equal to 0.1% is
Repro	assified b	No ingredier identified as toxicity	nt of t a kn	this product pres own or anticipate	ent at levels greater than or equal to 0.1% is
Repro Not cl <u>Produ</u>	assified b	No ingredier identified as <b>toxicity</b> based on avai	nt of t a kn	this product pres own or anticipate	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
<b>Repro</b> Not cl <u>Produ</u> Effect	lassified b u <u>ct:</u> is on ferti	No ingredier identified as <b>toxicity</b> based on avai	nt of t a kn	this product pres own or anticipate	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Repro Not cl Produ Effect	lassified b uct: is on ferti <b>-single e</b>	No ingredier identified as <b>toxicity</b> based on avai lity	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not o	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Repro Not cl Produ Effect STOT Not cl	lassified b u <u>ct:</u> is on ferti <b>-single e</b> lassified b	No ingredier identified as <b>toxicity</b> based on avai	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not o	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Repro Not cl Produ Effect	lassified b u <u>ct:</u> is on ferti <b>-single e</b> lassified b u <u>ct:</u>	No ingredier identified as <b>toxicity</b> based on avai lity	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not o	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Repro Not cl Produ Effect STOT Not cl Produ	lassified b u <u>ct:</u> is on ferti <b>-single e</b> lassified b u <u>ct:</u>	No ingredier identified as <b>toxicity</b> based on avai lity	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not o information.	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Repro Not cl Produ Effect STOT Not cl Produ Rema	lassified b u <u>ct:</u> is on ferti <b>-single e</b> lassified b u <u>ct:</u>	No ingredier identified as <b>toxicity</b> based on avai lity <b>exposure</b> based on avai	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not o information.	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Repro Not cl Produ Effect STOT Not cl Produ Rema	assified b u <u>ct:</u> s on ferti <b>-single d</b> assified b u <u>ct:</u> arks	No ingredier identified as <b>toxicity</b> based on avai lity <b>exposure</b> based on avai	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not o information.	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP.
Reproduce Not cl Produce Effect STOT Not cl Produce Remain Remain Remain Remain Route	assified b uct: s on ferti -single d assified b uct: arks oonents: amethyl es of expo	No ingredier identified as toxicity based on avai lity exposure based on avai	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not of information. Not classified	ent at levels greater than or equal to 0.1% is
Repro Not cl Produ Effect STOT Not cl Produ Rema Comp alpha Route Targe	assified b uct: s on ferti -single e assified b uct: arks oonents: amethyl	No ingredier identified as toxicity based on avai lity exposure based on avai	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not of information. Not classified Inhalation respiratory trac The substance	ent at levels greater than or equal to 0.1% is
Repro Not cl Produ Effect STOT Not cl Produ Rema alpha Route Targe Asses	assified b <u>uct:</u> s on ferti -single e lassified b <u>uct:</u> arks <u>conents:</u> amethyl es of expo et Organs ssment	No ingredier identified as toxicity based on avai lity exposure based on avai	nt of t a kn lable :	this product pres own or anticipate information. Remarks: Not of information. Not classified Inhalation respiratory trac The substance toxicant, single	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP. classified
Repro Not cl Produ Effect STOT Not cl Produ Rema Comp alpha Route Targe Asses	assified b <u>uct:</u> s on ferti -single e assified b <u>uct:</u> arks <u>conents:</u> -methyl es of expo of expo of organs ssment	No ingredier identified as toxicity based on avai lity exposure based on avai	nt of f a kn lable : lable :	this product pres own or anticipate information. Remarks: Not of information. Not classified Inhalation respiratory trac The substance toxicant, single irritation.	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP. classified
Repro Not cl Produ Effect STOT Not cl Produ Rema Comp alpha Route Targe Asses	assified b uct: s on ferti -single e assified b uct: arks bonents: bonents: bonents: -repeate assified b uct: -repeate assified b	No ingredier identified as toxicity based on avai lity exposure based on avai	nt of f a kn lable : lable :	this product pres own or anticipate information. Remarks: Not of information. Not classified Inhalation respiratory trac The substance toxicant, single irritation.	ent at levels greater than or equal to 0.1% is ed carcinogen by NTP. classified



# Crystex(TM) HD OT 20 Customer PO: 11007

Revision Date: 08/10/2022	SDS Number: 150000093079 SDSUS / Z8 / 0530	Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
ated dose toxicity		
-		
<u>uct:</u> ssment	: Based on avail	able data, the classification criteria are not met.
ration toxicity		
lassified based on ava	ailable information.	
<u>uct:</u> pplicable		
rience with human e	exposure	
uct:		
ation		ation of dust may cause shortness of breath, chest, a sore throat and cough.
contact	: Remarks: Prolo duce dermatitis	nged skin contact may defat the skin and pro-
contact	duce dermatitis	
	08/10/2022 ated dose toxicity <u>uct:</u> ssment ration toxicity lassified based on ava <u>uct:</u> pplicable rience with human e <u>uct:</u>	08/10/2022       150000093079 SDSUS / Z8 / 0530         ated dose toxicity         uct:         ssment       : Based on available         ration toxicity         lassified based on available information.         uct:         pplicable         rience with human exposure         uct:         ation       : Remarks: Inhal

Ecotoxicity
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## Components:

alphamethylstyrene:		
Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 2.97 mg/l Exposure time: 96 h
Toxicity to daphnia and other a aquatic invertebrates	:	EC50 (daphnid): 1.645 mg/l Exposure time: 48 h
Toxicity to algae/aquatic	:	EC50 (Chlorella pyrenoidosa): 11.441 mg/l Exposure time: 72 h
		NOEC: (Chlorella pyrenoidosa): 2.26 mg/l Exposure time: 72 h
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: (daphnid): 0.401 mg/l Exposure time: 21 d



## Crystex(TM) HD OT 20

Customer PO: 11007

Versior 2.0 PRD		evision Date: 8/10/2022	SDS Number: 150000093079 SDSUS / Z8 / 0530		Date of last issue: 05/13/2022 Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234		
Pe	ersisten	ce and degradabili	ity				
<u>Co</u>	ompone	ents:					
al	lphame	ethylstyrene:					
Bi	Biodegradability :		E	Biodegradation: 56 % Exposure time: 21 d Method: Ready Biodegradability: Closed Bottle Test			
			E	iodegradation: { xposure time: 28 lethod: Inherent			
Bi	ioaccun	nulative potential					
<u>Co</u>	ompone	ents:					
al	lphame	ethylstyrene:					
Bi	ioaccum	ulation	В	pecies: Cyprinus ioconcentration xposure time: 56	factor (BCF): 15 - 140		
			В	pecies: Cyprinus ioconcentration xposure time: 56	factor (BCF): 12 - 113		
M	lobility i	n soil					
No	o data a	vailable					
Ot	ther adv	verse effects					
No	o data a	vailable					

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

## **SECTION 14. TRANSPORT INFORMATION**

### International Regulations

#### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### Domestic regulation

49 CFR



## Crystex(TM) HD OT 20

Customer PO: 11007

Version	Revision Date:	SDS Number:	Date of last issue: 05/13/2022
2.0 PRD	08/10/2022	150000093079 SDSUS / Z8 / 0530	Date of first issue: 09/06/2016 NC6 / 0091335818 / 0004342234
PRD		50505/26/0530	NC6/0091333818/0004342234

Not regulated as a dangerous good

Special precautions for user

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

## **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

: Combustible dust

This material does not contain any components with a section 302 EHS TPQ.

	-	
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### California Prop. 65

SARA 311/312 Hazards

WARNING: This product can expose you to chemicals including alpha.-methylstyrene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:         TCSI       : On the inventory, or in compliance with the inventory						
TSCA	:	All substances listed as active on the TSCA inventory				
AICS	:	On the inventory, or in compliance with the inventory				
DSL	:	All components of this product are on the Canadian DSL				
ENCS	:	On the inventory, or in compliance with the inventory				
ISHL	:	On the inventory, or in compliance with the inventory				
KECI	:	On the inventory, or in compliance with the inventory				
PICCS	:	On the inventory, or in compliance with the inventory				
IECSC	:	On the inventory, or in compliance with the inventory				

## TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.



## Crystex(TM) HD OT 20

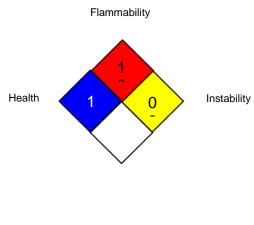
Customer PO: 11007

Version	Revision Date:	SDS Number:	Date of last issue: 05/13/2022
2.0	08/10/2022	150000093079	Date of first issue: 09/06/2016
PRD		SDSUS / Z8 / 0530	NC6 / 0091335818 / 0004342234

#### **SECTION 16. OTHER INFORMATION**

#### **Further information**

#### NFPA 704:



Special hazard

## HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

## Full text of other abbreviations

ACGIH		USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	:	8-hour time weighted average
OSHA P0 / STEL	:	Short-term exposure limit
OSHA Z-1 / C	:	Ceiling

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% response; EMS - Imergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health



## Crystex(TM) HD OT 20

Customer PO: 11007

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Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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