8. Exposure controls/personal protection

Oc

Components	ible Exposure Limi Type	(. ==,	· · · · · · · · · · · · · · · · · · ·	alue	1000)
Dihydrogen hexafluorotitanate(2-) (CAS 17439-11-1)	PEL		2.	.5 mg/m3	
Manganese orthophosphate (CAS 10124-54-6)	Ceilin	g	5	mg/m3	
ORTHOPHOSPHORIC ACID (CAS 7664-38-2)	PEL		1	mg/m3	
US. OSHA Table Z-2 Permiss	ible Exposure Limit	s (PEL) (29 CFR	1910.1000)		
Components	Туре		V	alue	Form
Dihydrogen hexafluorotitanate(2-) (CAS 17439-11-1)	TWA		2.	.5 mg/m3	Dust.
US. ACGIH Threshold Limit \	/alues (TLV)				
Components	Туре		V	alue	Form
Dihydrogen hexafluorotitanate(2-) (CAS 17439-11-1)	TWA		2.	.5 mg/m3	
Manganese orthophosphate (CAS 10124-54-6)	TWA		0.	.1 mg/m3	Inhalable fraction.
			0.	.02 mg/m3	Respirable fraction.
ORTHOPHOSPHORIC ACID (CAS 7664-38-2)	STEL		3	mg/m3	
	TWA		1	mg/m3	
NIOSH. Immediately Dangero Components	ous to Life or Health Type	ı (IDLH) Values,		alue	
Manganese orthophosphate (CAS 10124-54-6)	IDLH		50	00 mg/m3	
ORTHOPHOSPHORIC ACID (CAS 7664-38-2)	IDLH		10	000 mg/m3	
US. NIOSH: Pocket Guide to	Chemical Hazards	Recommended I	Exposure Limit	s (REL)	
Components	Туре		V	alue	Form
Dihydrogen hexafluorotitanate(2-) (CAS 17439-11-1)	TWA		2.	.5 mg/m3	
Managana authoribasinata	STEL		3	mg/m3	Fume.
					_
	TWA		1	mg/m3	Fume.
(CAŠ 10124-54-6) ORTHOPHOSPHORIC	TWA STEL			mg/m3 mg/m3	Fume.
(CAŠ 10124-54-6) ORTHOPHOSPHORIC			3	_	Fume.
(CAS 10124-54-6) ORTHOPHOSPHORIC ACID (CAS 7664-38-2) ogical limit values	STEL TWA		3	mg/m3	Fume.
Manganese orthophosphate (CAS 10124-54-6) ORTHOPHOSPHORIC ACID (CAS 7664-38-2) ogical limit values ACGIH Biological Exposure I Components Va	STEL TWA	Determinant	3	mg/m3	

* - For sampling details, please see the source document.

Appropriate engineering controls

Provide eyewash station and safety shower. Use adequate ventilation to control airborne concentrations below the exposure limits/guidelines. If user operations generate a vapor, dust and/or mist, use process enclosure, appropriate local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits/guidelines.

FIR No.: 190874 SDS US

Version: 01 Issue Date: 11-03-2023