

1. Identification of the substance/preparation/manufacture

SDS	PestWest Product Code: 130-000321
Tradename	PestWest Quantum X LED T5-549mm BL370 FEP Sleeved
Supplier	PestWest USA 7135 16th Street E, Ste 124 Sarasota FL 34243
General description	LED Lamp
Use	Insect attraction
Publication date	July 7, 2022
General information	us.pestwest.com
Emergency Contact	800-222-1222 Poison Control

2. Hazard identification

Not applicable to intact lamp. When dropped from heights <6m the glass may crack but all fragments are contained. When dropped from >6m, some fragments may escape and present a cut hazard.

3. Composition/information on ingredients

If the lamps are broken, the following materials may be released:

Component	% by weight	CAS No.	EC No.	EC Classification
1 Glass #PH290	25.251%	2446523-50-6		
2 Glass #PH360	0.579%	2446523-50-6		
3 Nickel - Manganese	67.797%	7440-02-0	231-111-4	
4 Molybdenum	0.069%	7440-59-7	231-168-5	
5 Nickel-Plated-Dumet	0.894%			
7 LED Emitters	1.143%			
6 Helium	0.008%	7440-59-7	231-168-5	
8 Cap Aluminium Shell	0.890%	7429-90-5	231-072-3	
9 Cap Brass Pins	0.538%			
10 Cap Hylam Plate	0.210%	9003-35-4		
11 Capping adhesive - PMMA	0.063%	9011-14-7		
12 FEP Sleeve	2.559%	25067-11-2		

4. First-aid measures

Skin	Apply normal first aid for glass cuts if such occur through lamp breakage.
Ingestion	In the unlikely event of ingestion of a large quantity of material, seek medical attention.
Inhalation	If discomfort, irritation, or pulmonary symptoms emerge, move away from exposure and seek medical attention.
Eyes	Immediately rinse eyes (including under eyelids) with abundant amounts of water for 20 minutes. Seek medical attention.

5. Fire fighting measures

Fire-extinguisher	None
Hazardous decomposition products in fire	silicon dioxide, aluminium oxides, nickel oxides, copper oxides, boric oxides

6. Accidental release measures

Spillage procedure	Not applicable if lamp is in original state. If lamp is broken, take standard measures for cleaning-up broken glass and deposit in a lockable container.
Emergency procedure	Not applicable

7. Handling and storage	
Local exhausting	Under normal circumstances not applicable
Storage conditions	No special precautions
8. Exposure controls/personal protection	
Exposure limits :	
Applicable to: Netherlands (20 °C; 1013 mbar)	
All materials:	No MAC(STEL) has been laid down
Applicable to: Belgium (20 °C; 1013 mbar)	
All materials:	No MAC(STEL) has been laid down
Applicable to: Germany (20 °C; 1013 mbar)	
All materials:	No MAC(STEL) has been laid down
Applicable to: USA (25 °C; 1013 mbar)	
All materials:	No MAC(STEL) has been laid down
C=Ceiling; S=Skin	
Remarks exposure limits	None
Odor threshold (20°C; 1013 mbar)	Not traceable
Advised personal protection	
Skin	Protection in case of continuous operation at short range outside specified equipment.
Eyes	Protection in case of continuous operation at short range outside specified equipment.
Inhalation	Not applicable
Instructions regarding broken lamps	
Ventilation	None
Respiratory protection	None
Eye protection	The use of safety glasses, goggles or face shields is recommended for handling broken lamps, as described in European Standard EN 166.
Protective clothing	Wear appropriate protective clothing to prevent cuts from broken glass and sharp metal parts.
Hygiene	After handling broken lamps wash thoroughly before eating, handling tobacco products, applying cosmetics or using toilet facilities.

9. Physical and chemical properties

Physical state	Article
Color	Colorless
Odor	Odorless
Vapor rate/range	Not applicable
Boiling point/range	Not traceable
Melting point/range	> 480 °C
Flash point/range	Not applicable
Explosive limits	Not applicable
Dust explosions possible in air	Not applicable
Density	Not traceable
Vapor pressure	Not applicable
Solubility in water	Not applicable
Solubility in fat	Not applicable
pH	Not applicable
Viscosity	Not applicable
Autoignition temperature	Not applicable
Decomposition temperature	Not traceable
Electrostatic charge	Not traceable

10. Stability and reactivity

Product is stable under conditions described in Section 7

Conditions to avoid	None
Reactions with water	None
Hazardous reactions	None
Hazardous decomposition products at heating	None

11. Toxicological information

Symptoms		
Skin	local	Not applicable
	general	Not applicable
Ingestion	local	Not applicable
	general	Not applicable
Inhalation	local	Not applicable
	general	Not applicable
Eyes	local	Not applicable
Toxicity		Not traceable
Ames test (mutagenic test)		Not traceable

12. Ecotoxicological information

Biological oxygen demand (5)	Not traceable		
Chemical oxygen demand	Not traceable		
Biological/chemical oxygen demand ratio	Not traceable		
Degradability	Not traceable		
Biochemical factor	Not traceable		
Log Po/w	Not traceable		
Henry Constant	Not traceable		
Ecotoxicity :	Not traceable		
Remarks on ecotoxicity			

13. Disposal considerations

Before disposing of waste lamps check with state, county and/or local officials for current guidelines and regulations. LED filaments contained within lamps may be considered as electronic waste in some states.

14. Transport information

ADR/RID

UN-number	N/A
Class	N/A
Packinggroup	N/A
Transport emergency card	N/A

IMO

UN-number	N/A
Class	N/A
Packinggroup	N/A
Marine pollutant	N/A

IATA/ICAO

UN-number	N/A
Class	N/A
Packinggroup	N/A

15. Regulatory information

EC-Label	N/A
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16. Other information

Remarks on SDS	These lamps emit Ultraviolet Radiation (UV-A). Avoid prolonged exposure. Skin and eye protection are recommended in case of continuous operation at short range outside the normal operating equipment.
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Overview relevant H-phrases from all components in Section 3

H315	Causes skin irritation
H317	Can cause an allergic skin reaction
H318	Causes serious eye damage
H335	Can cause irritation of airways
H411	Toxic for waterborne organisms, with long-term consequences

The information provided in this Safety Data Sheet is correct to the best of the knowledge, information and belief of PestWest USA LLC at the date of its printing.

Feilo Sylvania as mfr. of record and their EPA Est. No. 96285-DEU-1

Made in Germany

Updated 7/7/2022



California Residents Only
**WARNING: Cancer and/or
Reproductive Harm**
www.P65Warnings.ca.gov