

Material Safety Data Sheet

Potassium Persulfate

ACC# 19540

Potassium Persulfate

S80145, BP180 100, BP180-100, BP180100, P281 500, P281-500, P281500, P282 100, P282 500, P282-100, P282-500, P282100, P282500, S80145-1, S801451

Anthion; Peroxydisulfuric acid, dipotassium salt; Potassium peroxydisulfate; Potassium persulfate

Fisher Scientific

1 Reagent Lane

Fair Lawn, NJ 07410

201-796-7100

201-796-7100

800-424-9300

703-527-3887

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XN DL R 2 / n : L f:66 X iz X m f: ln X n fv 6 / b X X

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

" Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

\$ Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen ~~oxx g~~ i

and a safety shower. Use adequate ventilation to keep airborne concentrations low.

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' + (# . Potassium peroxydisulfate: No OSHA Vacated PELs are listed for this chemical.

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Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

" Wear appropriate gloves to prevent skin exposure.

\$ Wear a chemical apron. Wear appropriate clothing to prevent skin exposure.

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

\$ Solid
+ colorless or white
' odorless
Acidic in water (<7)
(# Not available.
(Not available.
2 Not available.
(Not applicable.
4 # Not available.
! - # Decomposes
100 deg C
Soluble in water.
% 2 - 2.4770
K2S2O8
) \$ 270.3118

\$ Stable under normal temperatures and pressures.
+2 Incompatible materials, ignition sources, dust generation, combustible materials, reducing agents.

! O \$' \$ Reducing agents.
Oxygen, oxides of potassium, sulfur oxides (SOx), including sulfur oxide and sulfur dioxide.

! # ! Will not occur.

+ , 7727-21-1: SE0400000

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CAS# 7727-21-1:

Oral, rat: LD50 = 802 mg/kg;

CAS# 7727-21-1: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

No information available.

No information available.

2 No information available.

/ No information available.

No information available.

' \$ See actual entry in RTECS for complete information.

No information available.

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

+ #1 **4**

None of the chemicals in this product have a TPQ.

+ +

CAS # 7727-21-1: acute, flammable.

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No chemicals are reportable under Section 313.

+ +

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

) +

None of the chemicals in this product have a TPQ.

