



Material Safety Data Sheet

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USA

C-P# 05510-60-64,05519-10-42-61,05522-00-10,53010-00-10-20

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SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME: **YSI 5775 O2 Probe Solution**

FORMULA: KCl

Chemical Type: Inorganic halogen salt, with wetting agent.

CAS No. 7447-40-7

SECTION 2 - HAZARDOUS / IMPORTANT INGREDIENTS

Chemical	CAS No.	PERCENT	PEL/TLV	CARCINOGEN (OSHA, NTP, IARC)
Potassium Chloride	7447-40-7	99.99%	none	no
Kodak Photo-flo 200	n/ap	<0.1%	none	no

SECTION 3 - CHEMICAL AND PHYSICAL PROPERTIES

Appearance: white powder	Boiling Point: n/av
Odor: none	Melting Point: 1418 °F (770°C)
pH: neutral	Specific Gravity: 1.984
Water Solubility: infinite	Vapor Pressure: n/ap
Evaporation Rate: n/av	Vapor Density: n/ap

SECTION 4 - FIRE AND EXPLOSION HAZARDS

Flash Point: none Explosive Limits: none
Extinguishing Media: n/ap
Material is not combustible.

SECTION 5 - REACTIVITY INFORMATION

Stable: Unstable: _____ Precautions: none
Hazardous Polymerization: Occurs: _____ Does Not Occur:
Incompatibility: strong acids and oxidizing agents.
Hazardous Decomposition Products: n/av

SECTION 6 - HEALTH HAZARDS / PROTECTIVE MEASURES / FIRST AIDInhalation:

Possible mild irritation from dusts.

Use a NIOSH approved respirator for dusts. Get supplier recommendations. Provide adequate ventilation.

Eliminate dusty conditions.

Remove to fresh air and provide artificial respiration if needed.

Skin:

Possible irritation from dusts.

Wear dust-proof gloves and other body protection as needed.

Wash exposed areas with soap and water for 15 minutes. Remove contaminated clothing, and wash before re-using.

Eyes:

Possible irritation from dust.

Wear dust barrier goggles. Eliminate dusty conditions.

Flush with water for 15 minutes.

Ingestion

No effects expected from normal use and minor amounts ingested. Large amounts, over 1 tablespoon, can cause digestive system upset s.

Avoid mouth breathing. Use dust barrier nose cover. Reduce dusting.

Avoid swallowing. Spit out. Drink large amounts of water. Induce vomiting if person is conscious. Otherwise, and if effects persist, get medical attention.

(No chronic effects reported)

IN ALL CASES: GET MEDICAL ATTENTION IF EFFECTS PERSIST.

Most likely routes of entry: skin, eyes, ingestion.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Flush to sewer or ground.

Storage and Handling: Keep containers closed, Discard any material that may be contaminated.

Waste Disposal: In accordance with applicable regulations for wastes. Is not a RCRA hazardous waste as of this date.

Empty Containers: Rinse. Dispose as appropriate for glass and plastic containers.

SECTION 8 - REGULATORY INFORMATION

DOT: Not regulated.

SARA Title III, S.313, Form R: Nothing reportable.

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