

Dux Dental Material Safety Data Sheet

Dux Dental
600 E. Hueneme Road
Oxnard, CA, USA

Phone: 800.833.8267
Fax: 805.488.2266
www.duxdental.com

Product 37% Phosphoric Acid Gel
Other Name Accuspense Phosphoric Acid
REF 27098

MSDS Number MS203

Hazardous Ingredients

Principal Hazardous Components	pel / tlv	CAS Number	Percentage
Phosphoric Acid	3 mg / cubic m	7664-38-2	As Labeled

Physical and Chemical Characteristics

Appearance Viscous gels, green (50 %), red or blue (37 %)
Boiling Point 240°F, approx.
Melting Point NA
Vapor Pressure NA
Evaporation Rate NA
Odor None
Vapor Density NA
Specific Gravity 1.4, approx.
Water Solubility Complete

Fire & Explosion Data

Explosion Not considered to be an explosion hazard.
Fire Not considered to be a fire hazard.
Fire Ext. Type A B C
Flashpoint NA
Special Fire Procedures None
Unusual Hazards None Known

Reactivity Data

Stability Stable
Incompatibilities Corrosive material
Hzd Decomp Products Oxides of phosphorous
Hazardous Polymerization Will not occur.

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Health Hazard Information

Ingestion May cause severe damage, DO NOT induce vomiting, give water, call physician.
Inhalation May cause irritation.
Skin/Eye Contact May cause severe damage, flush area 15 minutes with water, call physician.
Toxicity Data No harm when used in accordance with manufacturers instructions. Can cause reversible or irreversible changes to exposed tissues and considerable discomfort. Misuse can result in chemical burns.
Acute Hazards Corrosive, can cause chemical burns.
Chronic Hazards None
Carcinogenicity NA, no product ingredient listed by NTP, IARC, or OSHA.

Precautions for Safe Handling and Use

Cleanup Dilute with water, wipe up.
Disposal Dispose of in accordance with local, state, and federal regulations.
Precautions As part of good industrial, personal hygiene, and safety practice avoid all unnecessary exposure to the substance and ensure prompt removal from skin, eyes, and clothing.

Occupational Control Measures

Eye Protection Suggested
Gloves Suggested
Dust/Particulate Mask NA
Other NA

Additional Information

DOT Hazard Class Corrosive
DOT Small Qty Exception Yes, 49 CFR 173.4, NOT subject to UPS/RPS Haz Mat fee
DOT Other Exception NA
DOT Exception Permitted NA
Allergenic Ingredients This product does not contain Latex, Peanut Products, Gluten, or Red Dye #3.

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