



A SUBSIDIARY OF JARDEN CORPORATION

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Material Safety Data Sheet

Prepared by: DW

Section I Material Identification

Product Name: Wooden Stick Strike Anywhere Matches (SAW) (AKA: Strike Anywhere Matches)
USA - DOT Information: MATCHES, STRIKE ANYWHERE, 4.1, UN 1331, PGIII
Manufactures Name: Jarden Home Brands, 1800 Cloquet Ave., Cloquet, MN 55720
Telephone Number: (218) 879-6700
Chemtrec Emergency No: (800) 424-9300

Section II Hazardous Ingredients

Match:	% By Weight	PEL
Phosphorous Sesquisulfide	<1.0%	NE
Potassium Chlorate	<1.0%	NE
Sulfur	<1.0%	NE
Striker Strip:		
Amorphous Red Phosphorous	<1.0%	NE

NE = None Established
TWA = Time Weighted Average
CEIL = Ceiling Limit
PEL = Permissible Exposure Limits
PPM = Parts per Million
STEL = Short Term Exposure Limit

Section III Physical Data

Boiling Point: NA
Freezing Point: NA
Vapor Pressure (mm Hg): NA
Vapor Density (Air=1): NA
Specific Gravity: 1.3 g/cc (Matches)
Percent Volatile by Volume: NA
Evaporation Rate: NA
Solubility in Water: 7.1 g/cc (Matches)

Section IV Fire and Explosion Hazard Data

Flash Point: NA
Auto Ignition Temperature: > 212°F
Extinguishing Media: Water.
Unusual Fire and Explosion: Combustible, may ignite from excessive heat, crushing, or dropping. Smoke from fire may be irritating to lungs and eyes. Contains oxidizers, which may increase the burning rate of combustible materials with flare-burning effect.
Combustion byproducts: Match: Carbon monoxide, carbon dioxide, oxides of sulfur.
Striker: Phosphine, oxides of phosphorous, phosphoric acid (in presence of water).

Section V Health Hazard Data

General: **HMIS Rating:** **NFPA Rating:**
Health = 1 Health = 1
Flammability = 3 Flammability = 3
Reactivity = 2 Reactivity OX (oxidizer) = 2

NOTE: Normal use of this product produces fumes (smoke) which may irritate eyes and/or lungs.

Signs and Symptoms of Over Exposure:

Eyes - tearing, stinging, redness.
Inhalation - coughing, soreness in respiratory tract, chest tightness, difficulty breathing.

Conditions Generally Recognized as Being Aggravated by Exposure: Fumes from ignition could aggravate respiratory ailments.

Synergistic Effects: None known.

Usual Method(s) of Contact: Inhalation of fumes from ignited material, thermal burns from ignited material.

Primary Route(s) of Entry into the Body: Inhalation of fumes from ignited material.

Section VI	First Aid
Burns:	Treat all thermal burns with appropriate first aid measures for degree of burn.
Respiratory Distress:	Remove to fresh air and seek medical attention for smoke inhalation.
Eyes:	Flush with fresh water for 15 minutes and seek medical attention.

Section VII	Reactivity Data
Stability: Stable <u> X </u>	Unstable _____
Conditions to Avoid:	Do not store with readily oxidizable substances, phosphorous, acids, bases, finely divided metals or organic materials.
Incompatibility:	Avoid mixing with oxidizing agents, phosphorous, acids, bases, finely divided metals or organic materials.
Hazardous Decomposition or Byproducts:	Match: Oxides of carbon, oxides of sulfur. Striker: Oxides of phosphorous.
Hazardous Polymerization:	None known.

Section VIII	Spill or Leak Procedures
Steps to be taken if material is released or spilled:	If packaging is open and contents are spilled, be prepared to wet down with water if crushing or dropping are possible during cleanup. If packaging is intact, packaging is designed to smother unintended ignition.
Waste Disposal Methods:	Incinerate or bury in landfill according to applicable Federal, State and local regulations.

Section IX	Special Protection Information
Precautions to be Taken in Handling and Storing:	Store in a cool, dry location, away from heat, open flames or sparks, or flammable materials.
Other Precautions:	Do not crush or drop. KEEP AWAY FROM CHILDREN.
Other Safety Information:	<u>This packaging is designed to be self-extinguishing, and should smother any unintended ignition, provided the packaging is intact and closed.</u>

Section X	Shipping Information
Shipping Description:	(as per United States DOT Regulations 49 CFR and subparts 173.186.) MATCHES, STRIKE ANYWHERE, 4.1, UN 1331, PGIII
Hazardous Material Class:	4.1 Flammable Solid
Northern American Emergency Response Guidebook 2000:	Guide 133 for First Responders During the Initial Phase of a Dangerous Goods/Hazardous Materials Incident.

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