

Material Safety Data Sheet

AroSmoke P-50

Red Arrow Products Company LLC.
Manufacturer

633 South 20th Street – P.O. Box 1537
Address

Manitowoc, WI 54221-1537

(800) 255-3924
Emergency Phone Number

Product Name/Identity Page 1 of 4

MSP50
MSDS File

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Date Prepared

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SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

Components – Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	Other Limits Recommended
Note: Natural smoke flavorings are approved as GRAS food substances by FDA. However, natural smoke flavorings may contain 2% acetic acid which is a natural constituent of wood smoke.				
Acetic Acid (CAS: 64-19-7)	4 max	10ppm	10ppm	
Non-Hazardous Ingredients	96			
TOTAL	100			

SECTION 2 – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	220°F	Specific Gravity (H ₂ O = 1)	1.070–1.080
Vapor Pressure (mm Hg & Temperature)	<25 @ 20°C	Melting Point	NA
Vapor Density (Air =1)	2.1	Evaporation Rate (Water = 1)	1
Solubility in Water	Soluble	Water Reactive	NO
Appearance & Odor	Dark brown liquid with smoky odor and flavor	pH	5.0

SECTION 3 – FIRE EXPLOSION AND HAZARD DATA

Flash Point & Method Used	(COC) 600 ⁰ F	Auto-Ignition Temperature	NA	Flammability Limits in Air % by Volume	NA	LEL	NA
Extinguisher Media		Foam, water spray, dry chemical, CO ₂				UEL	NA
Special Fire Fighting Procedures		Self-contained breathing apparatus and protective clothing should be worn if fighting fires.					

Unusual Fire & Explosion Hazards None known

SECTION 4 – REACTIVITY HAZARD DATA

STABILITY	Conditions To Avoid	None known
<input checked="" type="checkbox"/> Stable		
<input type="checkbox"/> Unstable		

Incompatibility (Materials to Avoid) None known

Hazardous Decomposition Products NA
HAZARDOUS POLYMERIZATION

<input type="checkbox"/> May Occur	Conditions To Avoid	None known
<input checked="" type="checkbox"/> Will Not Occur		

SECTION 5 – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion	CARCINOGEN LISTED IN	<input type="checkbox"/> NTP	<input type="checkbox"/> OSHA
	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact		<input type="checkbox"/> IARC	<input checked="" type="checkbox"/> Not Monograph Listed

HEALTH HAZARDS **Acute** Vapors & liquid can cause irritation to eyes, skin & respiratory tract
Chronic

Signs and Symptoms of Exposure Burning sensation

SECTION 5 – HEALTH HAZARD DATA CONTINUED**Medical Conditions****Generally Aggravated by Exposure**

None known

EMERGENCY FIRST AID PROCEDURES**Eye Contact** Make sure to remove any contact lenses from eyes before rinsing. Immediately flush eyes with water for 15 minutes. Get medical attention if any discomfort continues.**Skin Contact** Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing. Staining of skin may occur.**Inhalation** Remove to fresh air immediately. Get medical attention if any discomfort continues.**Ingestion** Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately.**SECTION 6 – CONTROL AND PROTECTIVE MEASURE****Respiratory Protection****(Specify Type)**

As required to prevent excessive exposure (NIOSH approved organic respirator)

Protective Gloves

Neoprene

Eye Protection

Wear safety glasses. If risk of splashing wear safety goggles or safety glasses with face shield.

VENTILATION**TO BE USED** Local Exhaust Mechanical (general) Special Other (Specify)**Other Protective Clothing & Equipment**

A protective apron should be worn when splashes are likely. Rubber boots should be worn for spill response. Safety shower/eye wash station.

Hygienic Work Practices

Wash thoroughly after handling.

SECTION 7 – PRECAUTIONS FOR SAFETY AND USE/LEAK PROCEDURES**Steps to be Taken if Material is Spilled or Released**

Dike to contain, ventilate area, dilute with water. May be neutralized with addition of soda ash.

Water Disposal Methods

Sanitary sewerage if permitted by local system. Observe all Federal, State and Municipal laws concerning health and pollution.

Precautions to be Taken in Handling & Storage

Store in cool, well ventilated area. Keep container tightly closed.

Other Precautions and/or Special Hazards

Avoid contact with skin and eyes. Use with adequate ventilation.

HMIS Rating2 Health0

Flammability

0

Reactivity

B

Personal Protection

SECTION 8 – TRANSPORTATION INFORMATION

Land Transportation: This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Air Transportation: This material is not regulated under 49 CFR 172.101 (Appendix A).

Marine Pollutant: This material is not regulated under 49 CFR 172.101 (Appendix B).
