

# Material Safety Data Sheet

AroSmoke P-50

Product Name/Identity

Page 1 of 4

Red Arrow Products Company LLC.  
Manufacturer

MSP50

MSDS File

633 South 20<sup>th</sup> Street – P.O. Box 1537  
Address

04-15-11 (Reviewed 05-09-14)

Date Prepared

Manitowoc, WI 54221-1537

Steve Goettel

Prepared By

(800) 255-3924

(920) 769-1100

Emergency Phone Number

Phone Number for Information

## 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
<b>Note:</b> 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 <sub>2</sub> 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

MSDS Number MSP50Product AroSmoke P-50  
Page 2 of 4**SECTION 3 – FIRE EXPLOSION AND HAZARD DATA**

<b>Flash Point &amp; Method Used</b> (COC) 600 <sup>0</sup> F	<b>Auto-Ignition Temperature</b> NA	<b>Flammability Limits in Air % by Volume</b> NA	<b>LEL</b> NA <b>UEL</b> NA
<b>Extinguisher Media</b> Foam, water spray, dry chemical, CO <sub>2</sub>			
<b>Special Fire Fighting Procedures</b> Self-contained breathing apparatus and protective clothing should be worn if fighting fires.			
<b>Unusual Fire &amp; Explosion Hazards</b> None known			

**SECTION 4 – REACTIVITY HAZARD DATA**

<b>STABILITY</b>		<b>Conditions To Avoid</b>	None known
<input checked="" type="checkbox"/> Stable			
<input type="checkbox"/> Unstable			
<b>Incompatibility (Materials to Avoid)</b>		None known	
<b>Hazardous Decomposition Products</b>		NA	
<b>HAZARDOUS POLYMERIZATION</b>			
<input type="checkbox"/> May Occur		<b>Conditions To Avoid</b>	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 Monograph	<input checked="" type="checkbox"/> Not 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**

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	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.
<b>Inhalation</b>	Remove to fresh air immediately. Get medical attention if any discomfort continues.
<b>Ingestion</b>	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 Rating** 2 Health 0 Flammability 0 Reactivity B Personal Protection

MSDS Number MSP50

Product AroSmoke P-50  
Page 4 of 4

<b>SECTION 8 – TRANSPORTATION INFORMATION</b>
---

---

**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).

---