

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**PRODUCT NAME: PHOENIX RED**  
**PRODUCT CODE: ASB-06-QT**

**HMIS CODES: H F R P**  
**2\*3 0 G**

===== SECTION I - MANUFACTURER IDENTIFICATION =====

**MANUFACTURED FOR : ALSA Corporation**  
**ADDRESS : 2640 East 37th Street**  
**Vernon, CA 90058**

**EMERGENCY PHONE : 800-535-5053 / 352-323-3500**      **DATE PRINTED : 11/28/2006**  
**INFORMATION PHONE : 323-581-5200**      **PREPARER NAME: MSDS Coordinator**

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
n-BUTYL ACETATE	123-86-4	8.4      68 F	40.77
ACGIH TLV TWA: 150 ppm			
ACGIH TLV STEL: 200 ppm			
OSHA VPEL TWA: 150 ppm			
OSHA VPEL STEL: 200 ppm			
acrylic polyol/polymer/resin	*****		10%-20%
* XYLENES	1330-20-7	5.10      68 F	8.63
ACGIH TWA 100 ppm			
ACGIH STEL 150 ppm			
OSHA TWA 100 ppm			
OSHA STEL 150 ppm			
cellulose acetate butyrate	9004-36-8	NONE      N/A	0%-10%
ACETONE	67-64-1	185      68 F	6.24
ACGIH TLV STEL: 750 ppm			
ACGIH TLV TWA: 500 ppm			
OSHA VPEL TWA: 750 ppm			
OSHA VPEL STEL: 1000 ppm			
* n-BUTYL ALCOHOL	71-36-3	4.4      68 F	4.15
OSHA VPEL: 50 ppm (SKIN)			
ACGIH TLV: 50 ppm (SKIN)			
* aluminum	7429-90-5	N/A      N/A	3.27
C. I. Pigment Red 179	5521-31-3	N/A      N/A	0%-10%
* ETHYL BENZENE	100-41-4	5.1      68 F	1.58
OSHA PEL: 100 ppm TWA			
ACGIH TVL: 100 ppm TWA			
stoddard solvent	8052-41-3	20      68 F	0%-10%
OSHA PEL: 2900 mg/m3 (500ppm)			
ACGIH TLV: 525 mg/m3 (100 ppm)			
{N230} 2-butoxyethyl acetate	112-07-2	.29      68 F	0%-5%
pseudocumene	95-63-6	1.58      68 F	.25
ACGIH TLV: 25 ppm TWA			
OSHA PEL: 25 ppm TWA			
NIOSH: 25 ppm TWA			
NIOSH: 125 mg/m3 TWA			
TOLUENE	108-88-3	22      68 F	.2
ACGIH TLV: 150 ppm STEL (SKIN)			
ACGIH TLV: 50 ppm TWA (SKIN)			
OSHA VPEL: 150 ppm STEL			
OSHA VPEL: 100 ppm TWA			
butyl benzyl phthalate	85-68-7	8.6E-6      68 F	.16

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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
METHYL ETHYL KETONE OSHA VPCL: 200 ppm TWA OSHA VPCL: 300 ppm STEL ACGIH TLV: 200 ppm TWA ACGIH TLV: 300 ppm STEL	78-93-3	78      68 F	.14
m-xylene ACGIH TWA 100 ppm ACGIH STEL 150 ppm OSHA TWA 100 ppm NIOSH 100 ppm	108-38-3	8.3      68 F	.13
o-xylene ACGIH TWA 100 ppm ACGIH STEL 150 ppm OSHA TWA 100 ppm NIOSH 100 ppm	95-47-6	5.20      68 F	.1
PROPYL BENZENE	103-65-1	N/D      N/D	.05
p-xylene ACGIH TWA 100 ppm ACGIH STEL 150 ppm OSHA TWA 100 ppm NIOSH 100 ppm	106-42-3	8.60      68 F	.04
n-HEPTANE OSHA PEL: 400 ppm TWA OSHA PEL: 500 ppm STEL ACGIH TLV: 400 ppm TWA ACGIH TLV: 500 ppm STEL	142-82-5	76      68 F	.03
2-pyrrolidinone, 1-methyl- VM & P NAPHTHA ACGIH TLV: 375 ppm STEL ACGIH TLV: 200 ppm TWA OSHA PEL: 300 ppm TWA OSHA PEL: 400 ppm STEL	872-50-4 8032-32-4	0.45      68 F 5      68 F	0%-5% .02
ISOBUTYL ALCOHOL ACGIH TWA: 152 mg/m3 ACGIH TWA: 50 ppm TLV OSHA TWA: 150 mg/m3 OSHA TWA: 50 ppm VPCL	78-83-1	7.1      68 F	.01
STYRENE MONOMER OSHA PEL: 50 ppm ACGIH TLV: 20 ppm	100-42-5	4.5      68 F	.0016
{N230} 2-ETHOXYETHYL ACETATE ACGIH TLV: 5 ppm SKIN OSHA PEL: 100 ppm SKIN	111-15-9	2      68 F	0%-5%
{N230} 2-ETHOXYETHANOL OSHA PEL: 200 ppm TWA SKIN ACGIH TLV: 5 ppm TWA SKIN NIOSH: 0.5 ppm TWA NIOSH: 500 ppm IDLH	110-80-5	3.8      68 F	.0013
naphthalene	91-20-3	N/A      N/A	0%-5%

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

<b>BOILING RANGE: 133 F - 698 F</b>	<b>SPECIFIC GRAVITY (H2O=1): .97</b>
<b>VAPOR DENSITY: Heavier than air</b>	<b>EVAPORATION RATE: Slower than ether</b>
<b>V.O.C. grams/liter: 631.37</b>	<b>V.O.C. lbs./gal.: 5.27</b>
<b>SOLUBILITY IN WATER: Insoluble</b>	<b>SOLIDS BY VOLUME: 27.276</b>
<b>APPEARANCE AND ODOR: Opaque liquid with an organic solvent odor.</b>	



===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause nose and throat irritation. Repeated and prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness, and loss of coordination are signs that solvent levels are too high.  
Individuals with breathing problems must not be exposed to this product. If affected by inhalation, remove to fresh air. If breathing difficulty persists, consult a physician.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause irritation or burning of the eyes. Repeated and prolonged skin contact may cause skin irritation or dermatitis. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of all ingredients available.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

**ACUTE-** Dizziness, irritation of the respiratory tract, weakness, nausea, or possible narcosis or even asphyxiation. May be accompanied by coughing or labored breathing.

**CHRONIC-** Reports have linked organic solvents with brain and nervous system damage. Misuse of this product by deliberately concentrating and inhaling the contents may be harmful or fatal.

**CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes**

**PROPOSITION 65 STATEMENT: WARNING!** This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

**OSHA REGULATED: Yes**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Do not use this product if you have chronic lung or breathing problems.

**EMERGENCY AND FIRST AID PROCEDURES**

If ingestion, or any type of overexposure or symptoms of overexposure occur during the use of this product, contact a poison control center, emergency room or physician immediately; have material safety data sheet available.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition (sparks, flames, and hot surfaces). Avoid breathing vapors. Ventilate area. Remove with an inert absorbent and non-sparking tools.

**WASTE DISPOSAL METHOD**

Dispose in accordance with state ,federal and local regulations. Do not incinerate closed containers.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep containers tightly closed in a cool, dry, well ventilated area away from all possible ignition sources. Store large quantities of material in buildings designed for the storage of flammable liquids.

**OTHER PRECAUTIONS**

Employees should be trained in safety measures that should be taken when using this product.

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

Avoid breathing vapors or spray mist. Wear a properly fitted respirator approved by NIOSH/MSHA (TC-23c) for use with paints during application and until all vapors are exhausted. In confined areas, or where continuous spray operations are typical, or proper respirator fit is not possible, wear a positive-pressure supplied air respirator (TC-19c). In all cases follow respirator manufacturers directions for respirator use. Do not allow anyone without protection into the painting area.

**VENTILATION**

Provide sufficient ventilation to keep contaminates below applicable OSHA requirements.

**PROTECTIVE GLOVES**

Neoprene gloves impervious to organic solvents are recommended.

**EYE PROTECTION**

Use safety eyewear designed to protect against liquid splash.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Impervious coveralls are recommended.

**WORK/HYGIENIC PRACTICES**

Eye wash and safety showers in the work place are recommended. Wash hands before eating and smoking.

===== SECTION IX - DISCLAIMER =====

The information contained in this material safety data sheet is information from our suppliers and other sources. It is believed to be reliable. This data is not to be taken as a warranty or representation for which this company assumes legal responsibility.