

## Safety Data Sheet

### SECTION 1: Product and Company Identification

**Product Name:** AmeriSolve 123  
**Recommended Use:** Industrial Cleaning applications and Resin clean-up

**Manufacturer Information:**



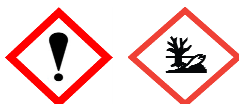
**Phone:** (310) 541-1512  
**Fax:** (310) 377-9821  
**Emergency Number:** ChemTrec (800)-424-9300

2325 Palos Verdes Dr. West #208  
Palos Verdes CA, 90274

### SECTION 2: Hazards Identification

**GHS Classification:** Skin irritation (Category 3)  
Eye irritation (Category 2)  
Acute aquatic toxicity (Category 3)

**GHS Label Elements:**



**Signal Word:** Warning  
**Hazard Statements:** Causes eye irritation  
Causes mild skin irritation  
May be harmful if swallowed  
Harmful to aquatic life.  
  
Combustible.  
On combustion, toxic gases are released.  
Hazardous reactions may occur on contact with certain chemicals. (Refer to the list of incompatible materials section 10: "Stability-Reactivity").

**Precautionary Statements**

**Prevention:** Wear protective gloves and eye/face protection  
Wash thoroughly after handling

### SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS#	%
Proprietary	mixture	100

### SECTION 4: First Aid Measures

**General**

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effects occur. When possible bring along copy of label and MSDS to health professional.

**Inhalation:** May cause mild respiratory tract irritation. Remove individual to fresh air. If breathing is difficult give oxygen.

**Skin Contact:** Flush the affected area with water for 15 minutes minimum. Remove exposed or contaminated clothing and shoes. Wash contaminated clothing before reuse. Seek medical attention if irritation persists.

**Eye Contact:** Remove contact lenses if present. Rinse eyes thoroughly with water for 15 minutes minimum. Seek medical attention immediately.

**Ingestion:** Do NOT induce vomiting.  
Rinse mouth with water

**Most important symptoms acute or delayed:** Not available

**Recommendations for immediate medical care and special treatment:** Not available

#### **SECTION 5: Fire Fighting Measures**

**Suitable extinguishing media:** Carbon dioxide, foam or water spray.

**Unsuitable extinguishing media:** Multi-purpose powders  
High volume water jet

**Specific hazards arising during fire:** Combustible. However, does not present any particular risk in the event of a fire. On combustion, toxic gases are released.

**Firefighting equipment:** Wear self contained breathing apparatus for fire fighting if necessary. Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

**Firefighting instructions:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

#### **SECTION 6: Accidental Release Measures**

**Personal Precautions:** Wear appropriate protective equipment and clothing during clean up. Keep unprotected persons away.

**Environmental Precautions** Do not allow product to enter sewers, surface or ground waters.

**Methods and materials for containment and cleanup:** Contain spillage, soak up with non-combustible absorbent material. (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

**Disposal:** Dispose of in accordance with local regulations.

#### **SECTION 7: Handling and Storage**

**Precautions for safe handling:** As with all chemical products, avoid contact and wash thoroughly after handling. Do not eat, drink or smoke while using this product. Use only in well-ventilated areas. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage including incompatibilities:** All personnel who handle this product should be trained in its safe handling. Store tightly closed in cool, dry, ventilated area. Keep out of direct sunlight and away from heat and incompatible materials. Avoid contact with strong oxidizing agents. caustics. Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

#### **SECTION 8: Exposure Controls/Personal Protection**

**Exposure limit values** We are not aware of any national exposure limit.

**Appropriate Engineering Controls:** Provide sufficient mechanical (general/and or local exhaust) ventilation to maintain exposure below exposure guidelines, if applicable, or below levels that cause known, suspected, or adverse effects.

**Personal Protective Measures**

**Eye/face protection:** Tightly fitting safety goggles

**Hand protection:** Use chemically-resistant gloves.  
Glove material: butyl-rubber  
Protective index Class 6

Break through time: > 480 min  
Glove thickness: 0,5 mm

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves must be inspected prior to use.

**Respiratory protection:** Use a respirator with an approved filter if a risk assessment indicates this is necessary.

**Thermal hazards:** Not available

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice. Eyewash station and safety shower should be in vicinity of work area. Use clean, well-maintained personal protection equipment. Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke.

**Protective Measures:** Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

## SECTION 9: Physical and Chemical Properties

<b>Appearance:</b>	clear liquid
<b>Color:</b>	<50 APHA
<b>Odor:</b>	mild odor
<b>Odor threshold:</b>	Not available
<b>pH:</b>	5.0
<b>Acid Value, mg KOH/g</b>	<0.5
<b>Distillation Range:</b>	222-224 °C
<b>Density @ 20 °C</b>	1.05
<b>Solubility in water:</b>	25 g/l at 20 °C
<b>Viscosity cSt @ 40 °C:</b>	1.79
<b>Melting point:</b>	Not available
<b>Freezing point:</b>	-50 °C
<b>Initial boiling point and boiling range:</b>	215.6 °C 215.6 °C
<b>Flash point:</b>	98 °C PMCC
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/Lower flammability or explosive limits (%)</b>	
<b>Flammability limit-lower:</b>	Not available
<b>Flammability limit-upper:</b>	Not available
<b>Explosive limit-lower:</b>	Not available
<b>Explosive limit-upper:</b>	Not available
<b>Vapor pressure</b>	0.063 hPa at 20 °C
<b>Vapor density</b>	Not available
<b>Relative density</b>	1.0553
<b>Partition coefficient (octanol:water)</b>	Not available
<b>Auto-ignition temperature</b>	98 °C
<b>Decomposition temperature</b>	Not available

## SECTION 10: Stability and Reactivity

**Reactivity:** No reactivity hazards are known.

**Chemical Stability:** Material is stable under normal conditions of storage and handling.

**Possibility of hazardous reactions:**

**Conditions to avoid:** Keep away from heat, sparks, open flames. Protect from freezing.

**Materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** On combustion or on thermal decomposition (pyrolysis) releases: (Carbon oxides (CO + CO<sub>2</sub>)).

**SECTION 11: Toxicological Information**

**Acute Toxicity:**

**Acute Oral:** LD50 : > 2.000 mg/kg - rat  
No mortality observed at this dose.  
Not classified as harmful if swallowed  
Unpublished internal reports

**Acute inhalation toxicity:** LC50 - 4 h : > 5,6 mg/l - rat  
No mortality observed at this dose.  
Not classified as harmful by inhalation  
Unpublished internal reports  
Acute toxicity estimate : 2.441,86 mg/l  
Method: Calculation method

**Acute dermal toxicity:** LD50 : > 2.000 mg/kg - rat  
No mortality observed at this dose.  
Not classified as harmful if swallowed  
Unpublished internal reports

**Potential health effects:**

**Skin:** rabbit  
No skin irritation  
Unpublished internal reports

**Eyes:** rabbit  
No skin irritation  
Unpublished internal reports

**Inhalation:** Local lymph node assay - mouse  
not sensitising  
Unpublished internal reports

**Ingestion:** May cause moderate to severe irritation of the mouth, throat and stomach.

**Delayed and immediate effects of exposure:** Not available.

**Carcinogenicity:** No data available

**Mutagenicity:**

Genotoxicity in vitro  
Ames test with or without metabolic activation negative  
Unpublished internal reports  
Mutagenicity (in vitro mammalian cytogenetic test)  
Strain: Human lymphocytes with or without metabolic activation negative  
Unpublished internal reports

In vivo micronucleus test - mouse Intraperitoneal route ambiguous  
Unpublished internal reports

In vivo micronucleus test - mouse Intraperitoneal route negative  
Unpublished internal reports

**Reproductive toxicity** rat

Oral exposure Method: According to OECD method 422 no impairment of fertility has been observed  
Unpublished internal reports

#### Developmental Toxicity / Teratogenicity

rat  
Oral exposure  
NOAEL teratogenicity: 1.000 mg/kg

rat  
Oral exposure  
NOEL maternal: 300 mg/kg

Method: OECD Test Guideline 414  
no embryotoxic or teratogenic effects have been observed  
Unpublished internal reports

rabbit  
Oral exposure  
NOAEL teratogenicity: 300 mg/kg

rabbit  
Oral exposure  
NOAEL teratogenicity: 100 mg/kg

Method: OECD Test Guideline 414  
no embryotoxic or teratogenic effects have been observed  
Unpublished internal reports

#### Experience with human exposure

Experience with human exposure : Ingestion : Symptoms: Vomiting

### SECTION 12: Ecological Information

#### Ecotoxicity effects

##### Aquatic Compartment (including sediment)

Toxicity to fish LC50 - 96 h : 56 mg/l - Oncorhynchus mykiss (rainbow trout)  
Unpublished internal reports

Toxicity to daphnia and other aquatic invertebrates. : EC50 - 48 h : > 100 mg/l - Daphnia magna (Water flea)  
Unpublished internal reports

Toxicity to aquatic plants EC50 - 72 h : > 60 mg/l - Pseudokirchneriella subcapitata  
Unpublished internal reports

#### Ecotoxicity assessment

Ecotoxicity assessment: Harmful to aquatic organisms

#### Persistence and degradability

##### Biodegradability

Biodegradability: Readily biodegradable

Ultimate aerobic biodegradability:  
74 % - 28 d  
Method: OECD Test Guideline 301  
Unpublished internal reports

#### Bioaccumulation

Partition coefficient: n-octanol/water: Not potentially bioaccumulable  
Unpublished internal reports

**Mobility**

Distribution among environmental compartments: Log Koc: < 1,25  
Highly mobile in soils  
Unpublished internal reports

Known distribution to environmental compartments: Ultimate destination of the product : Water

**SECTION 13: Disposal Considerations**

**Disposal instructions:** Waste disposal must be in accordance with appropriate US Federal, State and Local regulations. Should no be disposed of into the environment.

**Disposal of contaminated containers or packaging:** Dispose of as unused product.  
Do not dispose of the product at a rubbish tip.  
Completely empty the packaging prior to decontamination.  
Carefully drain and then steam clean.  
Recycle following cleaning.  
Dispose of contents/ container to an approved waste disposal plant.  
: Dispose of in accordance with local regulations.

**SECTION 14: Transportation Information**

**UN Number:** Not regulated  
**UN proper shipping name:** Compounds, cleaning liquids, not regulated  
**Transport hazard class:** Not regulated  
**Packing group:** Not regulated

**SECTION 15: Regulatory Information**

**HMIS Information:**

Health	1
Flammability	1
Reactivity	0
Personal Protection	B



**SECTION 16: Other Information**

**Issue date:** February 10, 2015  
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**Version:** 1.0

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