

BB81, Spot Solver

### Section 1. Product and Company Identification

**Product Identifier** BB81, Spot Solver

**Product Use Description:** Thin Dark Purple liquid with acidic odor for use a hard water deposit remover on gel coat surfaces on boats

#### Manufacturer or suppliers' details

Babes Boat Products  
1097 Hewitt Dr.  
San Carlos, CA 94070

Emergency Number: 800-255-3924  
Customer Service: 510-732-2628  
Business Fax: 510-732-2632

### Section 2. Hazards Identification

#### GHS Classification

**Serious Eye Damage** : Category 1

#### GHS Label Elements

##### Hazard Pictograms



**Hazard Word**            **Danger**

#### Hazard Statements

H318: **Causes serious eye damage**

H302: **Harmful if swallowed**

#### Precautionary Statements

P264: **Wash skin thoroughly after handling**

P280: **Wear protective gloves and eye protection**

P305+351+338: **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing**

P337+313: **If eye irritation persists get medical advice/attention**

P301+312: **If eye irritation persists get medical advice/attention**

P330: **IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell**

**Rinse mouth**

### 3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
77-92-9	3-7%	Citric Acid
34590-94-8	3-7%	Dipropylene glycol Monomethyl Ether
34398-01-1	1-3%	Poly(oxy-1,2 ethanediyl), a-undecyl, w-hydroxy
79-14-1	1-2%	Hydroxyacetic Acid



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Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

#### 4. First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

**Skin Contact:** After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

**Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation.

**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

#### 5. Fire Fighting Measures

**Products of Combustion:** Oxides of carbon and harmful organic chemical fumes

**Fire Hazards in Presence of Various Substances:** Not applicable.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Non-explosive in presence of oxidizing materials.

**Fire Fighting Media and Instructions:** Not applicable.

#### 6. Accidental Release Measures

**Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.

**Large Spill:**

Neutralize the residue with a dilute solution of sodium carbonate. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

#### 7. Handling and Storage

**Precautions:**

Do not ingest. Avoid contact with skin Never add water to this product Wear suitable protective clothing If ingested, seek medical advice immediately and show the container or the label. Keep container tightly closed and dry.

**Storage:** Corrosive materials should be stored in a separate safety storage cabinet or room.



### 8. Exposure Controls and Personal Protection

77-92-9	Citric Acid	None Established
34590-94-8	Dipropylene glycol Monomethyl Ether	US (ACGIH) 100 ppm 8 hrs/TWA
34398-01-1	Poly(oxy-1,2 ethanediyl), a-undecyl, w-hydroxy	None Established
79-14-1	Hydroxyacetic Acid	None Established

**Engineering Controls:** No special ventilation requirements. Avoid breathing mist generated due to spraying.

**Personal Protection:** Splash goggles. Lab coat. Dust or mist respirator in the presence of mists. Liquid impervious gloves.

**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Boots. Gloves. A certified acid mist respirator should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### 9. Physical and Chemical Properties

<b>Flash Point</b> Non Flammable	<b>Upper Flamability Limit</b> Not Determined
<b>Auto Ignition</b> Not Established	<b>Lower Flamability Limit</b> Not Determined
<b>Physical State</b> Liquid	<b>Color</b> Purple
<b>pH</b> 2.4	<b>Vapor Press</b> Not determined
<b>Specific Gravity</b> 1.06	<b>Viscosity</b> 1 cst
<b>Vapor Density (Air=1)</b> unknown	<b>Melting Point °F</b> 24°F
<b>Water Solubility</b> Complete	<b>Odor</b> Acidic
	<b>VOC Content</b> 5%

### 10. Stability and Reactivity

<b>Stability</b> Stable	<b>Hazardous Polymerization</b> Not Expected to Occur
<b>Conditions to Avoid</b> Avoid contact and exposure to strong alkalis and oxidizers	
<b>Hazardous Decomposition Products</b> Irritating fumes	

### 11. Toxicological Information

**Routes of Entry:** Ingestion.

**Toxicity to Animals:** No Data is available on the product itself

Calculated inverse sum of ingredients  
Oral Toxicity >10,000 mg/Kg (rat, oral)

**Epidemiology:**  
No information found  
**Teratogenicity:**



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No information found  
Reproductive:  
No information found  
Mutagenicity:  
No information found  
Neurotoxicity:  
No information found

### 12. Ecological Information

**Toxicity: No Data is available on the product itself**

Calculated Inverse sum of ingredients  
Toxicity to Fish (zebra fish): LC50 (96hr) = 3900 mg/L.

### 13. Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14. Transportation Information

**DOT Classification:** Not Regulated

### 15. Regulatory Information

**OSHA Hazards :** None

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity** - This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards :** No

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313: SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop. 65 :** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List -**  
Not Regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) -**  
Not Regulated



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### Safe Drinking Water Act - Not Regulated

#### 16. Other Information Revision Date 6/17/2024

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

#### Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH American Conference of Government Industrial Hygienists

LD50 Lethal Dose 50%

AICS Australia, Inventory of Chemical Substances

LOAEL Lowest Observed Adverse Effect Level

DSL Canada, Domestic Substances List

NFPA National Fire Protection Agency

NDSL Canada, Non-Domestic Substances List

NIOSH National Institute for Occupational Safety & Health

CNS Central Nervous System

NTP National Toxicology Program

CAS Chemical Abstract Service

NZIoC New Zealand Inventory of Chemicals

EC50 Effective Concentration

NOAEL No Observable Adverse Effect Level

EC50 Effective Concentration 50%

NOEC No Observed Effect Concentration

EGEST EOSCA Generic Exposure Scenario Tool

OSHA Occupational Safety & Health Administration

EOSCA European Oilfield Specialty Chemicals Association

PEL Permissible Exposure Limit

EINECS European Inventory of Existing Chemical Substances

PICCS Philipines Inventory of Commercial Chemical Substances

MAK Germany Maximum Concentration Values

PRNT Presumed Not Toxic

GHS Globally Harmonized System

RCRA Resource Conservation Recovery Act

>= Greater Than or Equal To

STEL Short-term Exposure Limit

IC50 Inhibition Concentration 50%

SARA Superfund Amendments and Reauthorization Act.

IARC International Agency for Research on Cancer

TLV Threshold Limit Value

IECSC Inventory of Existing Chemical Substances in China

TWA Time Weighted Average

ENCS Japan, Inventory of Existing and New Chemical Substances

TSCA Toxic Substance Control Act

KECI Korea, Existing Chemical Inventory

UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials



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<= Less Than or Equal To

WHMIS Workplace Hazardous Materials Information System

LC50 Lethal Concentration 50%



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