

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**

P337+313: **lenses if present and easy to do – continue rinsing**

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%	Dipropyleneglycol Monomethyl Ether
34398-01-1	1-3%	Poly(oxy-1,2 ethanediyl), a-undecyl, w-hydroxy
79-14-1	1-2%	Hydroxyacetic Acid



BB81, Spot Solver

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

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

10. Stability and Reactivity

Stability	Stable	Hazardous Polymerization	Not Expected to Occur
Conditions to Avoid	Avoid contact and exposure to strong alkalis and oxidizers		
Hazardous Decomposition Products	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:

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: 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

Safe Drinking Water Act -



Not Regulated

16. Other Information **Revision Date** 8/7/2017

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 Sub- stances List
NFPA National Fire Protection Agency
NDSL Canada, Non-Domestic Sub- stances 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 Exist- ing 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 Re- search 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 Sub- stances
TSCA Toxic Substance Control Act
KECI Korea, Existing Chemical Inventory
UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<= Less Than or Equal To
WHMIS Workplace Hazardous Materials In- formation System