

**PRIM 95806, 95855, 95825 – -50 RV & MARINE ANTIFREEZE (ETHANOL BASED)****SECTION 1: IDENTIFICATION****1.1 PRODUCT IDENTIFIER**

Product name -50 RV & Marine Antifreeze (Ethanol Based)  
Product number PRIM95806 (1 Gal) PRIM95855 (55 Gal) PRIM95825 (275 Gal Tote)  
Brand Prime Guard

**1.4 SUPPLIER'S DETAILS**

Name Highline Aftermarket  
Address 4500 Malone Road  
Memphis TN 38118  
Telephone 901-775-5555  
email sds@highlineaftermarket.com

**1.5 EMERGENCY PHONE NUMBER(S)** CHEM-TEL (800) 255-3924  
24 Hour Assistance

**SECTION 2: HAZARD IDENTIFICATION****General hazard statement**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

**GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)**  
- Flammable liquids, Cat. 2

**2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS****Pictogram**

1. Flame

**Signal word**

**Danger**

**Hazard statement(s)**

H225 Highly flammable liquid and vapor

**Precautionary statement(s)**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P280 Wear protective gloves/eye protection/face protection.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403+P235

Store in a well-ventilated place. Keep cool.

P501

Dispose of contents/container according to local regulations.

**2.3 Other hazards which do not result in classification**

Can cause mild skin irritation.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 MIXTURES****Hazardous components****1. Water**

Concentration

78.8 - 80 % (volume)

EC no.

231-791-2

CAS no.

7732-18-5

**2. Alcohol**

Concentration

16.8 - 16.8 % (weight)

EC no.

200-578-6

CAS no.

64-17-5

Index no.

603-002-00-5

- Flammable liquids, Cat. 2

H225

Highly flammable liquid and vapor

**3. Propylene glycol**

Concentration

4.3 - 4.3 % (weight)

EC no.

200-338-0

CAS no.

57-55-6

**SECTION 4: FIRST-AID MEASURES****4.1 DESCRIPTION OF NECESSARY FIRST-AID MEASURES**

If inhaled

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Acute and delayed symptoms and effects: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain

Remove person to fresh air. If you feel unwell, get medical attention.

In case of skin contact	Take off immediately all contaminated clothing. Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention
If swallowed	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor immediately.  Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### **4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

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## **SECTION 5: FIRE-FIGHTING MEASURES**

### **5.1 SUITABLE EXTINGUISHING MEDIA**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

Ethanol: Carbon oxides

Acetaldehyde: May explode when heated., Closed containers may rupture and explode during runaway polymerization., Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### **5.3 SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **Further information**

Use water spray to cool unopened containers.

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Do not let product enter drains.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Eliminate all sources of ignition. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

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**SECTION 7: HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash hands with soap and water after handling. Container explosion may occur under fire conditions. Use explosion-proof equipment. Keep away from sources of ignition. No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep container tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS****1. Propylene glycol (CAS: 57-55-6 EC: 200-338-0)**

TWA (Inhalation): 10 mg/m<sup>3</sup>; USA (OSHA)

USA. Workplace Environmental Exposure Levels (WEEL)

**2. tert-Butyl alcohol (CAS: 75-65-0)**

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 300 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 100 ppm, (ST) 150 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**3. Ethyl alcohol (Ethanol) (CAS: 64-17-5)**

PEL (Inhalation): 1000 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1900 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1000 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): (ST) 1000 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**4. Methanol (CAS: 67-56-1 EC: 200-659-6)**

PEL-TWA (Inhalation): 200 ppm, 260 mg/m<sup>3</sup> (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices  
Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA)

PEL-C (Inhalation): 1000 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH)

TLV® (Inhalation): 200 ppm (ACGIH)

TLV® (Inhalation): 250 ppm (ST) (ACGIH)

**5. Acetaldehyde (CAS: 75-07-0)**

PEL (Inhalation): 200 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 360 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): (C) 25 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): Ca, See Appendix A, See Appendix C (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): (C) 25 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**8.2 APPROPRIATE ENGINEERING CONTROLS**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

**8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Pictograms**



**Eye/face protection**

Tightly fitting safety goggles. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

**Skin protection**

Wear protective gloves, such as nitrile gloves.

**Body protection**

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

**Thermal hazards**

No data available.

**Environmental exposure controls**

Do not let product enter drains.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	Clear Pink Liquid
Odor	Mild
Odor threshold	No data available.
pH	7.0-8.0
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	
Upper/lower explosive limits	No data available.
Vapor pressure	
Vapor density	
Relative density	< 1.00
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

**Other safety information**

No data available.

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**SECTION 10: STABILITY AND REACTIVITY****10.1 REACTIVITY**

This material is considered to be nonreactive under normal use conditions.

**10.2 CHEMICAL STABILITY**

Stable under normal storage conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No data available.

**10.4 CONDITIONS TO AVOID**

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

**10.5 INCOMPATIBLE MATERIALS**

Propylene glycol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

Ethanol: Alkali metals, Oxidizing agents, Peroxides

Methanol: Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

Acetaldehyde: Oxidizing agents, Reducing agents, acids, Nitric acid, Peroxides, Bases, Sodium Hydroxide, Amines, Ammonia, Oxygen, Warning: acetaldehyde is oxidized rapidly and exothermically by air, to acetic acid, Acid anhydrides, Alcohols, Halogens, Ketones, Phenol, Hydrogen sulfide gas, Hydrogen peroxide

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

No data available.

Water: In the event of fire: see section 5

Propylene glycol: Other decomposition products - No data available  
In the event of fire: see section 5

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**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute toxicity**

Components:

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

ATE (dermal) of mixture: 2500 mg/kg

ATE (inhalation, gaseous) of mixture: 5833.33 ppmv

ATE (inhalation, vapor) of mixture: 25 mg/l

ATE (oral) of mixture: 833.33 mg/kg

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Ethanol: ACGIH: A3 Confirmed animal carcinogen with unknown relevance to humans.

**Skin corrosion/irritation**

May cause skin irritation.

**Serious eye damage/irritation**

May cause eye irritation.

**Respiratory or skin sensitization**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Carcinogenicity**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

**STOT-single exposure**

May cause drowsiness or dizziness

**STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure

**Aspiration hazard**

May be harmful if swallowed and enters airways

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**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**

No data available on product

**Persistence and degradability**

No data available on product

**Bioaccumulative potential**

No data available on product

**Mobility in soil**

No data available on product.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available on product.

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**SECTION 13: DISPOSAL CONSIDERATIONS****Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging**

Dispose of as unused product.

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## SECTION 14: TRANSPORT INFORMATION

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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## SECTION 15: REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION

**California Prop. 65 Components**

Chemical name: Methanol

CAS number: 67-56-1

03/16/2012 - Developmental toxicity

Chemical name: Acetaldehyde

CAS number: 75-07-0

04/01/1988 - Cancer

State of California to cause birth defects or other reproductive harm.

Methanol

CAS-No. 67-56-1

WARNING! This product contains a chemical known to the State of California to cause cancer.

Acetaldehyde

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

Chemical name: tert-Butyl alcohol

CAS number: 75-65-0

Chemical name: Ethanol

CAS number: 64-17-5

Chemical name: Methanol

CAS number: 67-56-1

Chemical name: Acetaldehyde

CAS number: 75-07-0

**New Jersey Right To Know Components**

Water

CAS-No. 7732-18-5

Propylene glycol

CAS number: 57-55-6

Common name: tert-BUTYL ALCOHOL

CAS number: 75-65-0

Common name: ETHYL ALCOHOL

CAS number: 64-17-5

Chemical name: Methanol

CAS number: 67-56-1

Chemical name: Acetaldehyde

CAS number: 75-07-0

**Pennsylvania Right To Know Components**

Water

CAS-No. 7732-18-5

Propylene glycol

CAS number: 57-55-6

Chemical name: 2-Propanol, 2-methyl-

CAS number: 75-65-0

Chemical name: Ethanol

CAS number: 64-17-5

Chemical name: Methanol

CAS number: 67-56-1

Chemical name: Acetaldehyde

CAS number: 75-07-0

**SARA 302 Components**

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

**SARA 311/312 Hazards**

No SARA Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**SARA 313 Components**

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.

The following components are subject to reporting levels established by SARA Title III, Section 313:

Chemical name: Acetaldehyde

CAS number: 75-07-0

**SECTION 16: OTHER INFORMATION****16.1 FURTHER INFORMATION/DISCLAIMER**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Highline Aftermarket be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Highline Aftermarket has been advised of the possibility of such damages.