



SAFETY DATA SHEET

PRIM91806, 111001

PRIME GUARD POWER BLAST WINDSHIELD WASH 0°F

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product name Power Blast Windshield Wash 0°F
Product number PRIM91806 (Gallon), PRIM111001 (55 Gallon Drum)

Brand Prime Guard

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Windshield Wiper Fluid
Uses advised against No information available

SUPPLIER'S DETAILS

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

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.

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 3
Acute toxicity - Inhalation (Vapors)	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Specific target organ toxicity (single exposure)	Category 1
Flammable liquids	Category 3

GHS label elements, including precautionary statements

Signal word	Danger
Pictogram	 <p>1. Skull and crossbones 2. Health Hazard 1. Flame</p>
Appearance Physical State Odor	Blue Liquid Mild Alcohol
Hazard statement(s) Harmful if swallowed Toxic if contact with skin Toxic if inhaled Causes damage to organs Flammable liquid and vapor	

Precautionary statement(s)

Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Wear protective gloves/protective clothing/eye protection/face protection
 Use only outdoors or in a well-ventilated area
 Do not breathe dust/fume/gas/mist/vapors/spray
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment Use only non-sparking tools
 Take precautionary measures against static discharge
 Keep cool

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician
 Specific treatment (see supplemental first aid instructions on this label)

Skin

Call a POISON CENTER or doctor/physician if you feel unwell
 Wash contaminated clothing before reuse
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Fire

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

0.1% of the mixture consists of ingredient(s) of unknown toxicity

Other information

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Methyl alcohol	67-56-1	22.5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

SECTION 4: FIRST-AID MEASURES

DESCRIPTION OF NECESSARY FIRST-AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact	Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.
Ingestion	Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Most Important Symptoms and Effects Coughing and/ or wheezing. Difficulty in breathing.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Notes to Physician Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**SUITABLE EXTINGUISHING MEDIA**

Dry chemical, CO₂, water spray or regular foam. Use water spray or fog; do not use straight streams.

UNSUITABLE EXTINGUISHING MEDIA

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Some may be transported hot.

Uniform Fire Code Flammable Liquid: I-C

HAZARDOUS COMBUSTION PRODUCTS

Carbon oxides.

EXPLOSION DATA

Sensitivity to Mechanical Impact No.

Sensitivity To Static Discharge Yes.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Move containers from fire area if you can do it without risk

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Do not breathe vapor or mist. Keep people away from and upwind of spill/leak. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other Information: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for cleaning up Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this

product. Take off contaminated clothing and wash before reuse. Do not breathe vapor or mist. Use only with adequate ventilation and in closed systems. Use personal protection equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store away from other materials. Store locked up. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products: None known based on information supplied.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl alcohol 67-56-1	STEL = 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m ³ (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 325 mg/m ³ STEL: 250 ppm

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines parameters Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

APPROPRIATE ENGINEERING CONTROLS

Engineering Measures Showers
Eyewash stations
Ventilation systems

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection	None required for consumer use. If splashes are likely to occur:. Wear safety glasses with side shields (or goggles).
Skin and Body Protection	None required for consumer use. Repeated or prolonged contact:. Wear protective gloves and protective clothing.
Respiratory Protection	None required for consumer use. Repeated or prolonged contact:. Wear protective gloves and protective clothing.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. No information available. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not breathe vapor or mist. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES

Appearance/form (physical state, color, etc.)	Liquid
Odor	Mild Alcohol
Odor threshold	No information available.
Color	Blue

PROPERTY

pH	8.5
Melting point/freezing point	No data available.
Initial boiling point and boiling range	86 °C / 187 °F
Flash point	29 °C / 85 °F
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Specific Gravity	No data available.
Water Solubility	Miscible in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available

Oxidizing Properties

No data available

OTHER INFORMATION

Softening Point

No data available

VOC Content (%)

No data available

Particle Size

No data available

Particle Size Distribution

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

No data available.

CHEMICAL STABILITY

Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal processing.

HAZARDOUS POLYMERIZATION

Hazardous polymerization does not occur.

CONDITIONS TO AVOID

Excessive heat. Heat, flames and sparks.

INCOMPATIBLE MATERIALS

None known based on information supplied.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION

Inhalation

Specific test data for the substance or mixture is not available. Toxic by inhalation. (based on components).

Eye Contact Specific test data for the substance or mixture is not available.

Skin Contact Specific test data for the substance or mixture is not available. Toxic in contact with skin. May be absorbed through the skin in harmful amounts. (based on components).

Ingestion Specific test data for the substance or mixture is not available. May be harmful if swallowed. (based on components).

COMPONENT INFORMATION

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl alcohol 67-56-1	= 5628 mg/kg (Rat)	-	= 83.2 mg/L (Rat) 4 h

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms Coughing and/ or wheezing. Difficulty in breathing.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive Toxicity No information available.

STOT - single exposure Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. Detailed substance and/or ingredient information may be provided in other sections of this SDS. Target organs effects listed in this document may result from a single overexposure to this product. Causes damage to organs if swallowed. Causes damage to organs in contact with skin.

STOT – repeated exposure No information available.

Chronic Toxicity No known effect based on information supplied. Effects from this product caused by acute exposure may cause permanent damage to target organs and/or may cause chronic conditions.

Target Organ Effects Respiratory system. Systemic Toxicity. Central Nervous System (CNS).
Eyes. Gastrointestinal tract (GI). Skin.

Aspiration Hazard No information available.

NUMERICAL MEASURES OF TOXICITY PRODUCT INFORMATION

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 323.00 mg/kg
 ATEmix (dermal) 968.00 mg/kg (ATE)
 ATEmix (inhalation-dust/mist) 1.62 mg/l
 ATEmix (inhalation-vapor) 10.00 ATEmix

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Methyl alcohol 67-56-1		96h LC50: = 28200 mg/L (Pimephales promelas) 96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 19500 - 20700 mg/L (Oncorhynchus mykiss) 96h LC50: 18 - 20 mL/L (Oncorhynchus mykiss) 96h LC50: 13500 - 17600 mg/L (Lepomis macrochirus)	EC50 = 39000 mg/L 25 min EC50 = 40000 mg/L 15 min EC50 = 43000 mg/L 5 min	

PERSISTENCE AND DEGRADABILITY

No data available on product

BIOACCUMULATION

Chemical Name	Log Pow
Methyl alcohol 67-56-1	-0.77

OTHER ADVERSE EFFECTS

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

WATER TREATMENT METHODS

Disposal of the product This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Disposal of contaminated packaging Dispose of contents/containers in accordance with local regulations

US EPA Waste Number D001 U154

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl alcohol 67-56-1		Included in waste stream: F039		U154

California Hazardous Waste Codes 212

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Methyl alcohol 67-56-1	Toxic Ignitable

SECTION 14: TRANSPORT INFORMATION

DOT

Proper Shipping Name FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL) UN1993

Hazard Class 3

Description FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL) UN1993

Emergency Response 128

Guide Number

Limited Quantity exemption under 49 CFR 173.150 (f)(e) for containers less than 5L.

TDG

UN-No. UN1993

Proper Shipping Name FLAMMABLE LIQUID, N.O.S.

Hazard Class 3

Packing Group III

Description UN1993, FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III

MEX

UN-No. UN1993

Proper Shipping Name FLAMMABLE LIQUID, N.O.S.

Hazard Class 3

Packing Group III

Description	UN1993, FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III
ICAO	
UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1993, FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III
IATA	
UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1993, FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III
IMDG/IMO	
UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
EmS-No.	F-E, S-E
Description	UN1993, FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III, F 34C
RID	
UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Classification code	F1
Description	UN1993 FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III
ADR	
UN-No.	UN1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Classification code	F1
Description	UN1993 FLAMMABLE LIQUID, N.O.S.(METHYL ALCOHOL), 3, III
ADN	
UN-No.	UN1992
Proper Shipping Name	FLAMMABLE LIQUID, TOXIC, NOS
Hazard Class	3, 6.1
Packing Group	III
Classification code	F1
Special Provisions	274, 601, 640E
Description	UN1992 FLAMMABLE LIQUID, TOXIC, NOS
Hazard Labels	3



SAFETY DATA SHEET

PRIM91806, 111001

PRIME GUARD POWER BLAST WINDSHIELD WASH 0°

Limited Quantity
Ventilation

5 L
VE01

SECTION 15: REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

TSCA Complies
DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Methyl alcohol - 67-56-1	67-56-1	30 - 40	1.0

SARA 311/312 HAZARD CATEGORIES

Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard Yes
Sudden release of pressure hazard No
Reactive Hazard No

CWA (CLEAN WATER ACT)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Methyl alcohol 67-56-1	5000 lb		RQ= 2270 kg final RQ RQ= 5000 lb final RQ

US STATE REGULATIONS

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Methyl alcohol - 67-56-1	Developmental

US STATE RIGHT-TO-KNOW REGULATIONS

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Methyl alcohol 67-56-1	X	X	X	X	X

INTERNATIONAL REGULATIONS

Mexico

National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Methyl alcohol 67-56-1 (15 - 40)		Mexico: TWA= 200 ppm Mexico: TWA= 260 mg/m ³ Mexico: STEL= 250 ppm Mexico: STEL= 310 mg/m ³

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class

B2 - Flammable liquid

D2A - Very toxic materials

D2B - Toxic materials





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PRIME GUARD POWER BLAST WINDSHIELD WASH 0°F

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 3	Flammability 3	Instability 0	Physical and Chemical
HMIS	Health Hazards 3*	Flammability 3	Physical Hazard 0	Personal Protection X

Prepared By: Randy Boitz

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.