

1. Identification of the Substance / Preparation and of the Company / Undertaking

Product identifier

Product Name Prime Guard -35°F Power Blast Stock Numbers PRIM93506, PRIM93555

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

Details of the supplier of the safety data sheet

Supplier Name Highline Aftermarket
Supplier Address 4500 Malone Road
Memphis, TN 38118

ПС

Supplier Phone Number 90

email

901-775-5555 sds@highlineaftermarket.com

Emergency Telephone Number CHEM-TEL: (800) 255-3924; 24 Hour Assistance

2. Hazards Identification

Classification

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

Acute toxicity - Oral	Category 3
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
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 3

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word Danger Hazard Statement:

Harmful if swallowed

Toxic if contact with skin

Toxic if inhaled

Causes damage to organs Flammable liquid and vapor

Appearance Purple Physical State Liquid Odor Mild Alcohol



Precautionary Statements - Prevention

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

0.00406% 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.



3. Composition / Information on Ingredients

Chemical Name	CAS No	Weight-%	Trade Secret
Methyl alcohol	67-56-1	15 - 40	*
Ethylene glycol	107-21-1	1-5	*

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

First Aid Measures

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.

Avoid direct contact with skin. Use barrier to give mouth-to-mouth

resuscitation.

Most important symptoms and effects, both acute and delayed

Most Important

Coughing and/ or wheezing. Difficulty in breathing.

Symptoms and Effects

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. Fire-fighting Measures

Suitable Extinguishing Media

Dry chemical, Carbon dioxide (CO2), water spray. Alcohol resistant foam.

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

Vapors can form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.



Uniform Fire Code

Toxic: Liquid

Flammable Liquid: I-C

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to

No.

Mechanical Impact

Sensitivity to Static

Yes.

Discharge

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions ELIMINATE all ignition sources (no smoking, flares, sparks or flames in

immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Full encapsulating vapor protective clothing should be worn for spills and

leaks with no fire. Stop leak if you can do it without risk.

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

spaces.

Environmental Precautions

Environmental Precautions

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

Methods and material for containment and cleaning up

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

later disposal.

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.

7. Handling and Storage

Precautions for safe handling

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

Storage 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.

8. Exposure Controls / Personal Protection

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl alcohol	STEL = 250 ppm	TWA: 200 ppm	IDLH: 6000 ppm
67-56-1	TWA: 200 ppm	TWA: 260 mg/m ³	TWA: 200 ppm
	S*	(vacated) TWA: 200 ppm	TWA: 260 mg/m ³
		(vacated) TWA: 260 mg/m ³	STEL: 325 mg/m ³
		(vacated) STEL: 250 ppm	STEL: 250 ppm
		(vacated) STEL: 325 mg/m ³	
		(vacated) S*	
Ethylene glycol 107-21-1	Ceiling: 100 mg/m ³	(vacated) Ceiling: 50 ppm	
	aerosol only	(vacated) Ceiling: 125 mg/m ³	

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 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. Tight sealing

safety goggles.

Skin and Body Protection None required for consumer use. Repeated or prolonged contact. Wear

protective gloves, protective clothing and antistatic boots.



Respiratory Protection No protective equipment is needed under normal use conditions. If

exposure limits are exceeded or irritation is experienced, ventilation and

evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Do not eat, drink or smoke when using this product. Wash hands before

breaks and immediately after handling the product. Take off

contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face

protection. Regular cleaning of equipment, work areas and clothing is

recommended. Do not breathe vapor or mist.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Liquid

Appearance Liquid Odor

AppearanceLiquidOdorMild AlcoholColorPurpleOdor ThresholdNo information available

Property Values **Remarks Method** 9.8 None known pН No data available Melting / freezing point None known 78 °C / 172 °F Boiling point / boiling range None known **Flash Point** 29 °C / 84 °F None known No data available None known **Evaporation Rate** None known Flammability (solid, gas) No data available

Flammability Limit in Air

Upper flammability limitNo data availableLower flammability limitNo data available

Vapor pressure No data available None known **Vapor density** No data available None known **Specific Gravity** No data available None known **Water Solubility** Miscible in water None known Solubility in other solvents No data available None known None known Partition coefficient: n-octanol/water No data available **Autoignition temperature** No data available None known None known **Decomposition temperature** No data available **Kinematic viscosity** No data available None known None known

Dynamic viscosityNo data availableExplosive propertiesNo data availableOxidizing PropertiesNo data available

Other Information

Softening PointNo data availableVOC Content (%)No data availableParticle SizeNo data availableParticle Size Distribution

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.

11. Toxicological Information

Information on likely routes of exposure

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
Ethylene glycol 107-21-1	= 4000 mg/kg (Rat)		

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 Causes damage to organs through prolonged or repeated exposure. Based on

classification criteria from 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target

organ toxicity from chronic or repeated exposure. (STOT RE).

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. Avoid repeated exposure.

Prolonged exposure may cause chronic effects.

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) 292.00 mg/kg **ATEmix (dermal)** 891.00 mg/kg (ATE)

ATEmix (inhalation-dust/mist) 1.49 mg/l
ATEmix (inhalation-vapor) 9.00 ATEmix

12. Ecological Information

Ecotoxicity

Harmful to aquatic life with long lasting effects.

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



Ethylene glycol	96h EC50: 6500 –	96h LC50: = 41000 mg/L	EC50 = 10000	48h EC50: =
107-21-1	13000 mg/L	(Oncorhynchus mykiss) 96h	mg/L 16 h	46300 mg/L
	(Pseudokirchneriella	LC50: 14 – 18 mL/L	EC50 = 620 mg/L	
	subcapitata)	(Oncorhynchus mykiss) 96h	30 min	
		LC50: 40761 mg/L	EC50 = 620./L	
		(Oncorhynchus mykiss) 96h	30 min	
		LC50: 27540 mg/L		
		(Lepomis macrochirus) 96h		
		LC50: 16000 mg/L		
		(Poecilia reticulata) 96h		
		LC50: 40000 – 60000 mg/L		

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
Methyl alcohol	-0.77
67-56-1	
Ethylene glycol 107-21-1	-1.93

Other adverse effects

No information available.

13. Disposal Considerations

Waste treatment methods

Disposal methodsThis material, as supplied, is a hazardous waste according to

federal regulations (40 CFR 261).

Contaminated Packaging Dispose of contents/containers in accordance with local

regulations.

US EPA Waste Number D001

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	Toxic
67-56-1	Ignitable

14. Transport Information

DOT

5 Liters or Less: Stock Number PRIM93506 **Proper Shipping Name** CONSUMER COMMODITY

Hazard Class 3

Description CONSUMER COMMODITY, ORM- D



Emergency Response Guide

Number

131

In quantities greater than 5 liters: Stock Number PRIM93555

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

Hazard Class 3

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

Emergency Response Guide

Number

128

<u>TDG</u>

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class 3
Subsidiary Class 6.1
Packing Group III

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

AMMONIUM HYDROXIDE), 3(6.1), III

MEX

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class3Subsidiary Class6.1Packing GroupIII

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

AMMONIUM HYDROXIDE), 3(6.1), III

ICAO

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class 3
Subsidiary Class 6.1
Packing Group III

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

AMMONIUM HYDROXIDE), 3(6.1), III

IATA

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class 3
Subsidiary Class 6.1
Packing Group III

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

AMMONIUM HYDROXIDE), 3(6.1), III

IMDG/IMO

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class 3



Subsidiary Class 6.1
Packing Group III
EmS-No. F-E, S-D

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL, 3(6.1),

III, FP 29C

RID

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class 3
Packing Group ||||
Classification code FT1

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

AMMONIUM HYDROXIDE), 3(6.1), III

ADR/RID Labels 6.1

ADR

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class 3
Packing Group III
Classification code F1

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

ADR/RID Labels AMMONIUM HYDROXIDE), 3(6.1), III

6.1

ADN

UN-No. UN1986

Proper Shipping Name ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.

Hazard Class3Packing GroupIIIClassification codeFT1Special Provisions274, 802

Description UN1986, ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (METHYL ALCOHOL,

AMMONIUM HYDROXIDE), 3(6.1), III

Hazard Labels 3 + 6.1 Limited Quantity 5 L

Ventilation VE01, VE02

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
Ethylene glycol 107-21-1	107-21-1	1 - 5	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

<u>CWA (Clean Water Act)</u> This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40CFR 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
Ethylene glycol 107-21-1	5000 lb.		RQ= 5000 kg final RQ RQ= 2270 lb final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

<u> </u>			
Chemical Name	California Proposition 65		
C.I. Food red 15 – 81 – 88 - 9	Carcinogen		

US State Right-to-know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Methyl alcohol 67-56-1	Х	Х	Х	Х	Х
Ethylene glycol 107-21-1	Х	Х	Х	Х	Х

International Regulations

Mexico

National occupational exposure limits



 Component	Carcinogen Status	Exposure Limits	
Methyl alcohol		Mexico: TWA= 200 ppm	
67-56-1 (15 - 40)		Mexico: TWA= 260 mg/m ³	
		Mexico: STEL= 250 ppm	
		Mexico: STEL= 310 mg/m ³	
Ethylene glycol		Mexico: Ceiling 100 mg/m ³	
107-21-1 (1 – 5)			

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class

B2 - Flammable liquid



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

Chronic Hazard Star Legend * = Chronic Health Hazard

Prepared By: Randy Boitz

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet