




**HPSMC – PREVAL COMPLETE UNIT****HPSMP – PREVAL SPRAY MAKER POWER UNIT****Section 1: PRODUCT IDENTIFICATION**

Product Name	Preval	Other names	1567, 1568
GPI Product code/s	HPSMC (complete unit) HPSMP (power unit only)	Recommended use/s	–
Importer/Manufacturer	Chicago Aerosol 1300 North Street Coal City IL 60416 United States of America Phone: 815 634 5100 www.preval.com	Supplier	GPI Automotive Products Pty. Ltd. 275 Wellington Road Mulgrave VIC 3150 Australia Phone: +61 3 8541 7500 Fax: +61 3 9562 0789 www.gpi.com.au
Emergency contact	Poisons Information Centre (Australia)	Phone: 13 11 26	www.austin.org.au/poisons

Section 2: HAZARD IDENTIFICATION

Hazard classification	HAZARDOUS SUBSTANCE	DANGEROUS GOODS	According to the Model WHS Regulations and the ADG Code.
Label elements	  		
Signal word	DANGER		
Hazard statements	H222: Extremely flammable aerosol. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness.		
Hazard classification	Hazard class	Hazard category	
	Flammable aerosol	1	
	Serious eye damage/eye irritation	2A	
	Specific target organ toxicity – single exposure	3	
	Simple asphyxiant	Yes	
Precautionary statements	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P210: Keep away from heat/sparks/open flames/hot surfaces – no smoking. P211: Do not spray on an open flame or any other ignition source. P251: Pressurised container: do not pierce or burn, even after use. P261: Avoid breathing dust/fumes/gas/mist/vapour/spray. P264: Wash face, hands and any exposed skin thoroughly after handling. P271: Use only outdoors or in a well ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P281: Use personal protective equipment as required. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: If exposed or concerned: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C. P501: Dispose of contents/container to an approved waste disposal plant.		

**HPSMC – PREVAL COMPLETE UNIT****HPSMP – PREVAL SPRAY MAKER POWER UNIT****Section 3: CHEMICAL COMPOSITION**

Ingredient name	Synonym/s	CAS number	Proportion* (% weight)
Dimethyl ether	–	115-10-6	<55
Isobutane	–	75-28-5	<30
Propane	–	74-98-6	<30

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

Section 4: FIRST AID MEASURES

Route of exposure	Symptoms/health effects caused by exposure	Description of necessary first aid measures
Eye contact	May cause serious eye irritation based on the components present within the product. Eye contact with liquid may cause irritation including stinging, burning, tearing or reddening of the eyes.	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.
Skin contact	May cause frostbite.	Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.
Inhalation	May cause irritation of the respiratory tract. May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.	Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.	Not an expected route of exposure.

Medical attention and special treatment Treat symptomatically.**Section 5: FIRE FIGHTING MEASURES**

Suitable extinguishing media	Carbon dioxide, dry chemical, alcohol-resistant foam, water fog.
Specific hazards arising from the chemical	Hazardous combustion products: Thermal decomposition can lead to release of irritating and toxic gases and vapours: carbon oxides, nitrogen oxides.
Special protective equipment and precautions for fire fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire/explosion hazard	Sensitive to mechanical impact. Sensitive to static discharge.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Contents under pressure. Remove all sources of ignition. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material.
Environmental precautions	See Section 12.
Methods and materials for containment and cleaning up	Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other non-combustible absorbent material. Clean contaminated surface thoroughly.

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing.		
Conditions for safe storage	Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.		
Storage incompatibilities	Strong oxidising agents.	Other information	–

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure standards	TWA (time-weighted average)		STEL (short-term exposure limits)		Notes
	mg/m ³	ppm	mg/m ³	ppm	
Dimethyl ether	–	1000	–	–	–
Appropriate engineering controls	Showers. Eyewash stations. Ventilation systems.				
Eye and face protection	No protective equipment is needed under normal use conditions. Risk of contact, wear: safety glasses with side-shields.				

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Skin protection	No protective equipment is needed under normal use conditions. Lightweight protective clothing. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts or abrasion.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/physical state	Clear aerosol.	Relative density (water = 1)	0.6
Odour	Ether.	Solubility	3.5%
Odour threshold	–	Partition coefficient: n-octanol/water	–
pH	–	Auto-ignition temperature	–
Melting point/freezing point	–	Decomposition temperature	–
Boiling point/boiling range	-42.2 to -11.7°C	Viscosity	–
Flash point	–	Specific heat value	–
Evaporation rate	–	Particle size	–
Flammability	–	Volatile organic compounds content	100%
Upper/lower flammability limits	–	% volatile	–
Vapour pressure	45-55 psig @ 21.1°C	Saturated vapour concentration	–
Vapour density (air = 1)	–	Release of invisible flammable vapours and gases	–

Section 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Heat, flames and sparks. Strong oxidising agents.
Incompatible materials and possible hazardous reactions	Strong oxidising agents. No possibility of hazardous reactions under normal processing. Hazardous polymerisation does not occur.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides.

Section 11: TOXICOLOGICAL INFORMATION

Ingredient	Toxicity	Irritation
Dimethyl ether	–	Inhalation LC50: 308.5 mg/L
Isobutane	–	Inhalation LC50: 658 mg/L
Propane	–	Inhalation LC50: 658 mg/L
Chronic health effects from exposure	–	
Carcinogenicity	–	
Mutagenicity	–	
Reprotoxicity	–	
STOT - single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.	

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated.	
Persistence and degradability	–	
Bioaccumulation	Ingredient	logPow
	Dimethyl ether	-0.18
	Isobutane	2.89
	Propane	2.3
Mobility in soil	–	

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Disposal methods	Dispose of in accordance with federal, state and local regulations.
Disposal of contaminated packaging	Do not re-use empty containers.
Environmental regulations	–

Section 14: TRANSPORT INFORMATION

Labels required		HAZCHEM code	2Y		
Regulation	UN number	Proper shipping name	DG Class	Packing Group	Notes
ADG (road)	UN1950	AEROSOLS	2.1	–	
ADR (rail)	UN1950	AEROSOLS	2.1	–	
IMO/IMDG (sea)	UN1950	AEROSOLS	2	–	EMS Number: F-D,S-U
IATA (air)	ID8000	Consumer Commodity	9	–	ERG Code: 9L

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product	
AICS (Australian Inventory of Chemical Substances)	All ingredients are listed or exempted.
Poisons schedule number	–

Section 16: OTHER INFORMATION

Date of SDS preparation	01/06/2021		This SDS is valid for 5 years from the date of preparation	
Key abbreviations or acronyms used	–	No data available.		
	ADG	Australian Code for the Transport of Dangerous Goods by Road		
	ADR	Australian Code for the Transport of Dangerous Goods by Rail		
	CAS	Chemical Abstracts Service		
	IATA	International Air Transport Association		
	IMDG	International Maritime Dangerous Goods Code		
	STEL	Short-term exposure limits		
	TLV	Threshold limit value		
	TWA	Time-weighted average		
Notice to reader	<p>All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date prepared (above). No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.</p> <p>The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.</p> <p>It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The GPI Group and GPI Automotive Products shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of this product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected by the hazards described in this sheet and of any precautions that should be taken.</p>			

END OF SDS