

# Material Safety Data Sheet

## Gatorback (G2 Component) (2)

### 1 . Product and company identification

<b>Common name</b>	: Gatorback (G2 Component) (2)
<b>Material uses</b>	: Not available.
<b>Supplier/Manufacturer</b>	: R&M Car Care Inc. Gatorback Coatings 4401 River Close Blvd. Valrico,FI 33594 Tel : (813) 294-9223
<b>In case of emergency</b>	: CHEMTREC, U.S. : (800) 424-9300 International: (703) 527-3887

### 2 . Hazards identification

<b>Physical state</b>	: Liquid.
<b>Odor</b>	: Specific.
<b>Color</b>	: Colorless.
<b>Hazard status</b>	: This material is classified as hazardous under OSHA regulations.
<b>Emergency overview</b>	: WARNING! CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS OR CORNEA. FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.  Avoid contact with skin and clothing. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Routes of entry</b>	: Dermal contact. Eye contact. Inhalation. Ingestion.
<b>Potential acute health effects</b>	
<b>Eyes</b>	: Irritating to eyes.
<b>Skin</b>	: Irritating to skin.
<b>Inhalation</b>	: Irritating to respiratory system.
<b>Ingestion</b>	: No known significant effects or critical hazards.
<b>Potential chronic health effects</b>	: Carcinogenic effects: Classified A4 (Not classifiable for humans or animals.) by ACGIH, 3 (Not classifiable for humans.) by IARC [Propan-2-ol]. Mutagenic effects: Not available. Teratogenic effects: Not available.
<b>Medical conditions aggravated by over-exposure</b>	: Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to the substance can produce target organ damage.

See toxicological information (section 11)

### 3 . Composition/information on ingredients

#### United States

Name	CAS number	%
Propan-2-ol	67-63-0	60 - 100

### 4 . First aid measures

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Get medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.

### 5 . Fire-fighting measures

- Flammability of the product** : Flammable.
- Products of combustion** : Decomposition products may include the following materials: carbon oxides.
- Extinguishing media**
- Suitable** : Use dry chemical, carbon dioxide, water spray (fog) or foam.
  - Not suitable** : Do not use water jet.
- Special exposure hazards** : Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6 . Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment. Do not touch or walk through spilled material.
- Environmental precautions** : Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## 7 . Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

## 8 . Exposure controls/personal protection

### United States

#### Product name

Propan-2-ol

#### Exposure limits

##### ACGIH TLV (United States, 1/2006).

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

##### NIOSH REL (United States, 12/2001).

STEL: 1225 mg/m<sup>3</sup> 15 minute(s).

STEL: 500 ppm 15 minute(s).

TWA: 980 mg/m<sup>3</sup> 10 hour(s).

TWA: 400 ppm 10 hour(s).

##### OSHA PEL (United States, 11/2006).

TWA: 980 mg/m<sup>3</sup> 8 hour(s).

TWA: 400 ppm 8 hour(s).

- Engineering measures** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Eyes** : Safety glasses.
- Skin** : Lab coat.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.
- Hands** : Natural rubber (latex).



- HMIS Code/Personal protective equipment** : B
- Personal protection in case of a large spill** : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

## 9 . Physical and chemical properties

<b>Physical state</b>	: Liquid.
<b>Flash point</b>	: Closed cup: 14°C (57.2°F). (Pensky-Martens.)
<b>Ignition temperature</b>	: Lowest known value: 399°C (750.2°F) (Propan-2-ol).
<b>Flammable limits</b>	: Greatest known range: Lower: 2.5% Upper: 12% (Propan-2-ol)
<b>Color</b>	: Colorless.
<b>Odor</b>	: Specific.
<b>pH</b>	: Neutral.
<b>Boiling/condensation point</b>	: Weighted average: 96.47°C (205.6°F)
<b>Melting/freezing point</b>	: Weighted average: -17.92°C (-0.3°F)
<b>Relative density</b>	: 0.89 (Water = 1)
<b>Vapor pressure</b>	: Weighted average: 2.72 kPa (20.4 mm Hg) (at 20°C)
<b>Vapor density</b>	: Weighted average: 0.91 (Air = 1)
<b>Evaporation rate</b>	: Weighted average: 0.63 compared with Butyl acetate.
<b>Solubility</b>	: Miscible in water.

## 10 . Stability and reactivity

<b>Stability and reactivity</b>	: The product is stable.
<b>Incompatibility with various substances</b>	: Reactive with oxidizing materials.
<b>Hazardous polymerization</b>	: Will not occur.
<b>Conditions of reactivity</b>	: Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and shocks and mechanical impacts. Slightly flammable in the presence of the following materials or conditions: heat.

## 11 . Toxicological information

Product/ingredient name	Toxicity data			
	Test	Result	Route	Species
Propan-2-ol	LD50	5045 mg/kg	Oral	Rat
	LD50	6410 mg/kg	Oral	Rabbit
	LD50	3600 mg/kg	Oral	Mouse
	LD50	12800 mg/kg	Dermal	Rabbit
	LC50	16000 ppm (8 hour(s))	Inhalation	Rat

### Acute Effects

<b>Eyes</b>	: Irritating to eyes.
<b>Skin</b>	: Irritating to skin.
<b>Inhalation</b>	: Irritating to respiratory system.
<b>Ingestion</b>	: No known significant effects or critical hazards.
<b>Potential chronic health effects</b>	: Carcinogenic effects: Classified A4 (Not classifiable for humans or animals.) by ACGIH, 3 (Not classifiable for humans.) by IARC [Propan-2-ol]. Mutagenic effects: Not available. Teratogenic effects: Not available.
<b>Target organs</b>	: Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

## 12 . Ecological information

### Ecotoxicity data

Product/ingredient name	Species	Period	Result
Propan-2-ol	Pimephales promelas (EC50)	48 hour(s)	10000 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	>1400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	6550 mg/l
	Pimephales promelas (LC50)	96 hour(s)	9640 mg/l
	Pimephales promelas (LC50)	96 hour(s)	10400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	11130 mg/l

- Environmental precautions** : No known significant effects or critical hazards.
- Products of degradation** : Decomposition products may include the following materials: carbon oxides and water.
- Toxicity of the products of biodegradation** : The product itself and its products of degradation are not toxic.

## 13 . Disposal considerations


- Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

## 14 . Transport information

NAERG : 127

Regulatory information	Proper shipping name	Class	UN number	PG	Label
------------------------	----------------------	-------	-----------	----	-------

UN / IMDG / IATA Classification	ISOPROPANOL solution	3	UN1219	II	
---------------------------------	----------------------	---	--------	----	---

DOT Classification	ISOPROPANOL solution	3	UN1219	II	
--------------------	----------------------	---	--------	----	---

Additional information	UN	IMDG	IATA	DOT
	-	-	<b>Cargo Aircraft Only</b> Quantity limitation: 60 L <b>Limited Quantities - Passenger Aircraft</b> Quantity limitation: 5 L	-

## 15 . Regulatory information

### United States

- HCS Classification** : Flammable liquid  
Irritating material  
Target organ effects
- U.S. Federal regulations** : TSCA : All components listed.

SARA 302/304/311/312 extremely hazardous substances: No products were found.  
 SARA 302/304 emergency planning and notification: No products were found.  
 SARA 302/304/311/312 hazardous chemicals: Propan-2-ol  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Propan-2-ol:  
 Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard  
 Clean Water Act (CWA) 307: No products were found.  
 Clean Water Act (CWA) 311: No products were found.  
 Clean Air Act (CAA) 112 accidental release prevention: No products were found.  
 Clean Air Act (CAA) 112 regulated flammable substances: No products were found.  
 Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

**SARA 313**

	Product name	CAS number	Concentration
<b>Form R - Reporting requirements</b>	: Propan-2-ol	67-63-0	60 - 100
<b>Supplier notification</b>	: Propan-2-ol	67-63-0	60 - 100

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

**State regulations** : Pennsylvania RTK Hazardous Substances: Propan-2-ol: (environmental hazard, generic environmental hazard)  
 Massachusetts Substances: Propan-2-ol  
 New Jersey: Propan-2-ol  
 California prop. 65: No products were found.

**International lists** : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

**16 . Other information**

**Label requirements (U.S.A.)** : CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION.  
 CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:  
 RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS OR CORNEA.  
 FLAMMABLE LIQUID AND VAPOR.  
 VAPOR MAY CAUSE FLASH FIRE.

**Hazardous Material Information System (U.S.A.)** :

**HMIS RATING**

Health	*	1
Fire hazard		3
Physical Hazard		0
Personal protection		B

**HAZARD RATINGS**

4- Extreme  
 3- Serious  
 2- Moderate  
 1- Slight  
 0- Minimal

See section 8 for more detailed information on personal protection.

**National Fire Protection Association (U.S.A.)** :



**References** : ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG.

**Date of issue** : 01/31/2007

**Version** : 1

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.