

SAFETY DATASHEET: **BLUEDEVIL HEAD GASKET SEALER - 16oz. POUR-N-GO**

Page 1 of 5

Date: October 22, 2012 Former date: November 3, 2010

**1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER, IMPORTER OR OTHER UNDERTAKING**

1.1 Identification of the substance or preparation

Trade name: Blue Devil Head Gasket Sealer 16oz. Pour-n-Go

Code of the preparation: NA

1.2 Use of the chemical

1.2.1 The intended uses of the chemical: The product is an automotive head gasket sealer.

1.2.2 Standard industrial classification (SIC): 2899

1.2.3 Use categories: head gasket sealer.

1.2.4 The chemical can be used by the general public

1.2.5 The chemical is used by the professionals and the general public.

1.3 Identification of the manufacture, importer or other undertaking

1.3.1 manufacturer, importer, or other undertaking

Contact information:

Universal Products, Inc.

5626 Southwestern Blvd.

Baltimore, MD 21227

Telephone number: 410-247-9468

Fax number: 410-247-3248

1.3.2 Information on foreign manufacture and packager:

Universal Products, Inc.

360 Anderson Rd.

Walterboro, SC 29488

Telephone number: 843-538-2180

**2. COMPOSITION AND INFORMATION ON INGREDIENTS**

2.1 Hazardous Ingredients

2.1.1 2.1.2 2.1.3 2.1.4

CAS # EINECS No Name % Concentration Warning, Risk phrases

7732-18-5 259-952-2 De-ionized water 40%-60% Not applicable

107-21-1 203-473-3 Ethylene glycol 5%-20% R20/21/22

1344-09-8 239-981-7 Sodium silicate 5%-20% R22, R34/36/37/38

NA NA Proprietary Mixture 5%-10% R2-/21/22

NA NA Dye Solution < 5 R20/21/22

2.1.5 Confidential ingredients

2.1.6 A substance not dangerous listed as confidential: None

2.1.7 Other information: Proprietary is surfactant and dye solution

**3 HAZARDOUS IDENTIFICATION**

Human

This product may cause irritation to eyes, skin and respiratory system.



Xn

### Safety

It may be an irritant to persons with a pre-existing skin conditions and cause aggravation with prolonged exposure. Keep out of eyes.

### Ecological

This product is unlikely to accumulate in aquatic environment.

## 4. FIRST AID MEASURES

- 4.1 Special instructions: Seek medical attention if excess amount is consumed and the user is ill.
- 4.2 Inhalation: Maybe a mild irritant
- 4.3 Skin contact: May irritate skin of person with a dermatitis problem.

## 5. FIRE-FIGHTING MEASURES

- 5.1 Suitable extinguishing media: Use appropriate method for surrounding fire (carbon dioxide, foam and water spray).
- 5.2 Extinguishing media must not be used for safety reasons: None known
- 5.3 Special exposure hazards in fire: Oxides of carbon and silicates.
- 5.4 Special protective equipment for fire-fighters: Wear full bunker gear with SCBA:
- 5.5 Other instructions: None

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Wash hands thoroughly after contact.
- 6.2 Environmental precautions: None known.
- 6.3 Methods for cleaning up: Absorb material and dispose in trash.
- 6.4 Other instructions: None

## 7. HANDLING AND STORAGE

- 7.1 Handling: Store the liquid in original container with cap tightened when not in use.
- 7.2 Storage: Keep in cool dry area away from children.
- 7.3 Specific use(s): Automotive head gasket sealer

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure limit values
  - 8.1.1 HTP values: None
  - 8.1.2 Other limit values: : OSHA TWA (USA): None
  - 8.1.3 Limit values in other countries: None
- 8.2 Exposure controls
  - 8.2.1 Occupational exposure controls: Wear chemical resistant gloves and eye protection
  - 8.2.2 Respiratory protection: Work in well-ventilated area
  - 8.2.3 Hand protection: Wear chemical resistant gloves
  - 8.2.4 Eye protection: Wear eye protection.
  - 8.2.5 Skin protection: Long sleeve shirt
  - 8.2.6 Environmental exposure controls: Normal uses not an issue.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 General information (physical state, colour and odour). The product is blue in colour and mild odour.
- 9.2 Important health, safety and environmental information
  - 9.2.1 pH: 11.75
  - 9.2.2 Boiling point/boiling range: >100 to 187.8 °C (212 to 370°F)

- 9.2.3 Flash point: > 108.9 °C (228 °F)
- 9.2.4 Flammability (solid, gas) : Not flammable.
- 9.2.5 Explosive properties: None.
- 9.2.5.1 Lower explosive limit: 2%.
- 9.2.5.2 Upper exposure limit: 12.3.
- 9.2.6 Oxidizing properties: Not an oxidizer.
- 9.2.7 Vapour pressure: Not known.
- 9.2.8 Relative density: Not applicable
- 9.2.9 Solubility: Soluble in polar solvents
- 9.2.9.1 Water solubility: 100% soluble
- 9.2.9.2 Vapour density: > 1.0
- 9.2.10 Evaporation rate: > 1.0
- 9.3 Other information

## 10. STABILITY AND REACTIVITY

- 10.1 Conditions to avoid: Strong acids and alcohol.
- 10.2 Materials to avoid: None known.
- 10.3 Hazardous decomposition products: Oxides of carbon, silica and sodium

## 11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity: Excessive use.
- 11.2 Irritation and corrosiveness: Maybe corrosive may be a slight irritant.
- 11.3 Sensitisation: Not common
- 11.4 Sub-acute, sub-chronic and prolonged toxicity: None known
- 11.5 Empirical data on effects on humans: Excessive use may cause an irritation.
- 11.6 Other information on health effects: Not known.

## 12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity: Not available
- 12.1.1 Aquatic toxicity: Very low
- 12.1.2 Toxicity to other organisms: Very low
- 12.2 Mobility: Mobile in water phase
- 12.3 Persistence and degradability:
- 12.3.1 Biodegradation: Yes in soil
- 12.3.2 Chemical degradation: Yes in soil
- 12.4 Bioaccumulation potential: Very low
- 12.5 Other adverse effects: None known

## 13. DISPOSAL CONSIDERATIONS

Dispose in accord with National regulations.

## 14. TRANSPORTATION INFORMATION

- 14.1 UN number: None
- 14.2 Packing group: None
- 14.3 Land transport
- 14.3.1 Transport class: Not regulated
- 14.3.2 Risk code: Not applicable
- 14.3.3 Name according to bill of freight: Blue Devil

14.3.4 Other information: None

14.4 Sea transport

14.4.1 IMDG class: Not regulated

14.4.2 Correct technical name: None

14.4.3 Other information: None

14.5 Air transport

14.5.1 ICAO/IATA class: Not regulated

14.5.2 Correct technical name: None

14.5.3 Other information: None

## 15. REGULATORY INFORMATION

15.1 Information on the warning label

15.1.1 Letter code on warning symbol and indications of danger for the preparation: CAUTION R36/37/89

15.1.2 Names of the ingredients given on the label: Sodium silicate, Proprietary mixture, Water.

15.1.3 R phrases: R36/37/38

15.1.4 S phrases: 2/3/7, S24/25/26 and S36

15.1.5 Special regulations on certain preparations: None

15.2 National regulations

## 16. OTHER INFORMATION

16.1 List of relevant R phrases: R36/37/38

16.2 Training advice S phrases: S2/3/7, S24/25/26 and S36

16.3 Restrictions on use: None

16.4 Further information: Call INFOTRAC 1-800-535-5053.

or call collect 1- 352-323-3500

16.5 Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.

16.6 This product contains no Prop 65 materials. Sodium silicate (under advisement)

16.7 This is a revised Safety Data Sheet.

16.8 None listed in the following inventories: USA, CI; ECL; DSL; PICCS; EINECS; MIT, and AICS.

16.9 Abbreviations:

AICS Australian Inventory of Chemical Substances

CAS # Chemical Abstract Service Number

°C Celsius temperature scale

CI China / DSL Canada

ECL Korean Existing Chemicals List

EEC European Economic Commission

ENCS Japanese Existing and New Chemical List

EINECS # European Inventory of Existing Chemical Substances Number

EU European Union

°F Fahrenheit temperature scale

(Israel) 2001 proposed list of chemical substances to be regulated under Israel Hazardous Substances Law and Regulations List

MITI Japan

PICCS Philippines

USA United States / UK United Kingdom

16.1 Information which has been added, deleted or revised: Removal of MSDS Preparer.  
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# BlueDevil

*Products*