

# Material Safety Data Sheet

BISSELL Heavy Traffic 69M5F

## \*\*\* Section 1 - Identification of the Material and Supplier \*\*\*

### Manufacturer Information

Bissell Inc.  
P.O. Box 1888  
Grand Rapids, MI 49501

Phone: 616-453-4451

Emergency # PROSAR 1-866-303-6951

### Classification:

This material is hazardous according to the criteria of Worksafe Australia (NOHSC:1008).

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Hazard Classification

F

### Risk Phrase(s)

R11 Highly Flammable

### Safety Phrase(s)

Keep out of the reach of children.

## \*\*\* Section 3 - Composition/Information on Ingredients \*\*\*

EC #	Component	Percent
231-791-2	Water 7732-18-5	82.79
200-857-2	Isobutane 75-28-5	5.865
205-281-5	Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt 137-16-6	2.76
200-827-9	Propane 74-98-6	1.035
500-220-1	D-Glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1	0.31
215-647-6	Ammonium hydroxide 1336-21-6	0.3
231-555-9	Sodium nitrite 7632-00-0	0.22
-	Fragrance	0.2

### Component Analysis

#### Isobutane (200-857-2)

F+;R12

Annex # 601-004-00-0 Nota: C EINECS: 200-857-2

Annex One 25th Adaptation (L355), Page(s): 180

#### Propane (200-827-9)

F+;R12

Annex # 601-003-00-5 Nota: - EINECS: 200-827-9

Annex One 21st Adaptation (L381), Page(s): 71

#### Ammonium hydroxide (215-647-6)

C;R34

N;R50

Annex # 007-001-01-2 Nota: B EINECS: 215-647-6

Annex One 22nd Adaptation (L248), Page(s): 10

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**Sodium nitrite (231-555-9)**

O;R8

T;R25

N;R50

Annex # 007-010-00-4 Nota: - EINECS: 231-555-9

Annex One 29th Adaptation (L216), Page(s): 7

## \*\*\* Section 4 - First Aid Measures \*\*\*

### **First Aid: Eyes**

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation develops or persists.

### **First Aid: Skin**

Wash skin with water. Remove contaminated clothing.

### **First Aid: Ingestion**

If swallowed, call a physician or poison control center immediately. Do not induce vomiting or give anything to drink unless instructed to do so by a physician. Never give anything by mouth to an unconscious person.

### **First Aid: Inhalation**

Remove affected person to fresh air. Get medical attention if person has difficulty breathing or if irritation develops or persists.

### **Scheduled Poison First Aid Advice**

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### **General Fire Hazards**

Content under pressure. May burst if exposed to temperature above 120°F (48.8°C). Propellant is extremely flammable and heavier than air. Vapors may travel along the ground and ignite at point remote from source.

### **Hazardous Combustion Products**

None

### **Extinguishing Media**

Use CO2, dry chemicals or foam.

### **Fire Fighting Equipment/Instructions**

Fire fighters should wear self-contained breathing apparatus and protective clothing.

### **Hazchem Code**

None

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### **Containment Procedures**

Contain the discharged material.

### **Clean-Up Procedures**

For small spills: Absorb and wipe up or rinse away with water.

Large spills: Contain spilled liquid with sand or earth. Place in a disposal container for disposal. After removal, flush area thoroughly with water.

### **Evacuation Procedures**

Isolate area. Keep unnecessary personnel away.

### **Special Procedures**

Wear appropriate personal protective equipment.

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## \*\*\* Section 7 - Handling and Storage \*\*\*

### Precautions for Safe Handling

Use only as directed. Avoid contact with eyes and skin. Use with adequate ventilation. Wash hands before eating.

### Conditions for Safe Storage

Contents under pressure. Do not expose to heat or store above 120°F (48.8°C).

### Incompatibilities

None

### Packaging Material

None.

### Poison Schedule Notes

None.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### Exposure Guidelines

#### A: General Product Information

Protect from eye and skin contact.

#### B: Component Exposure Limits

##### Isobutane (200-857-2)

ACGIH 1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-C4)

##### Propane (200-827-9)

ACGIH 1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-C4)

#### C: Biological Limit Values

Biological Limit Values have not been established for any of the substances in this preparation.

### Engineering Controls

None necessary.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Not required if under normal conditions of use.

#### Personal Protective Equipment: Skin

Not required if under normal conditions of use.

#### Personal Protective Equipment: Respiratory

Not required if under normal conditions of use.

#### Personal Protective Equipment: General

Not required if under normal conditions of use.

## \*\*\* Section 9 - Physical and Chemical Properties \*\*\*

Flash Point: None at/or below 212°F

Upper Flammable Limit (UFL): ND

Auto Ignition: ND

Rate of Burning: ND

Method Used: ND

Lower Flammable Limit (LFL): ND

Flammability Classification:

## \*\*\* Section 10 - Stability and Reactivity \*\*\*

### Chemical Stability

Stable under normal conditions.

### Conditions to Avoid

Temperature above 120°F (48.8°C). Do not puncture or incinerate containers.

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## Incompatible Materials

Avoid contact with strong oxidizers

## Hazardous Decomposition

None known

## Hazardous Reactions

Will not occur.

### \* \* \* Section 11 - Toxicological Information \* \* \*

## Health Effects from Likely Routes of Exposure

### A: General Product Information

Causes eye, skin, respiratory, and gastrointestinal irritation.

### B: Component Analysis - LD50/LC50

#### Water (231-791-2)

Oral LD50 Rat: >90 mL/kg

#### Isobutane (200-857-2)

Inhalation LC50 Rat: 658 mg/L/4H

#### Propane (200-827-9)

Inhalation LC50 Rat: 658 mg/L/4H

#### Ammonium hydroxide (215-647-6)

Oral LD50 Rat: 350 mg/kg

#### Sodium nitrite (231-555-9)

Inhalation LC50 Rat: 5.5 mg/L/4H; Oral LD50 Rat: 85 mg/kg

## Carcinogenicity

### A: General Product Information

No information available for the product.

### B: Substance Carcinogenicity

None of the substances in this preparation are listed by IARC or Australia.

### \* \* \* Section 12 - Ecological Information \* \* \*

## Ecotoxicity

### A: General Product Information

No information available for the product.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

#### Ammonium hydroxide (215-647-6)

Test & Species		Conditions
96 Hr LC50 Pimephales promelas	8.2 mg/L	
48 Hr EC50 water flea	0.66 mg/L	
48 Hr EC50 Daphnia pulex	0.66 mg/L	

#### Sodium nitrite (231-555-9)

Test & Species		Conditions
96 Hr LC50 Oncorhynchus mykiss	0.19 mg/L [flow-through]	juvenile

## Mobility

Product is expected to rapidly disperse in the aquatic environment.

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## Persistence & Degradation

No information available for the product.

## \*\*\* Section 13 - Disposal Considerations \*\*\*

## Disposal Methods and Containers

Waste must be handled in accordance with all federal, state, provincial, and local regulations.

## Special Precautions for Landfill or Incineration

No information available for the product.

## \*\*\* Section 14 - Transport Information \*\*\*

## IATA Information

**Shipping Name:** Aerosols

**UN #:** 1950 **Hazard Class:** 2.2 **Packaging Group:** Not Applicable

## IMDG Information

**Shipping Name:** Aerosols

**UN #:** 1950 **Hazard Class:** 2.2 **Packaging Group:** Not Applicable

## RID Information

**Shipping Name:** Aerosols

**UN #:** 1950 **Hazard Class:** 2.2 **Packaging Group:** Not Applicable

## \*\*\* Section 15 - Regulatory Information \*\*\*

## Australian Regulatory Status

### A: General Product Information

F

### B: Additional Regulatory Information

#### Isobutane (200-857-2)

Poisons F+ Carc.Cat.1 Muta.Cat.2; R12 R45 R46 (containing >= 0.1 % butadiene (203-450-8))

Schedule  
(Aust)

#### Propane (200-827-9)

Poisons F+; R12 (liquefied)

Schedule  
(Aust)

#### Ammonium hydroxide (215-647-6)

Poisons C N; R34 R50

Schedule  
(Aust)

#### Sodium nitrite (231-555-9)

Poisons O T N; R8 R25 R50

Schedule  
(Aust)

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## Component Analysis - Inventory

Component/CAS	EC #	AUST	EEC	TSCA	CAN
Water 7732-18-5	231-791-2	Yes	EINE CS	Yes	DSL
Isobutane 75-28-5	200-857-2	Yes	EINE CS	Yes	DSL
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt 137-16-6	205-281-5	Yes	EINE CS	Yes	DSL
Propane 74-98-6	200-827-9	Yes	EINE CS	Yes	DSL
D-Glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1	500-220-1	Yes	No	Yes	DSL
Ammonium hydroxide 1336-21-6	215-647-6	Yes	EINE CS	Yes	DSL
Sodium nitrite 7632-00-0	231-555-9	Yes	EINE CS	Yes	DSL

### \*\*\* Section 16 - Other Information \*\*\*

#### Date of MSDS Preparation or Last Revision

8/21/08

#### Key / Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

#### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.