



# SAFETY DATA SHEET

Revision Date 11-Sep-2018

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** Black Magic Bleche-Wite Aerosol

### Other means of identification

**Product Code** 35057  
**Document** SKU: 120108;120139

### Recommended use of the chemical and restrictions on use

**Recommended Use** Tire Cleaner  
**Uses advised against** All other applications

### Details of the supplier of the safety data sheet

**Supplier Address**  
ITW Global Brands  
16200 Park Row, Suite 120  
Houston, TX 77084

### Manufacturer Address

### Manufactured and Distributed by:

### Distributor

**May Also Be Distributed by:**  
ITW Permatex Canada  
101-2360 Bristol Circle  
Oakville, ON Canada L6H 6M5  
Telephone: (800) 924-6994

**Company Phone Number** 1-855-888-1988  
**24-hour emergency phone number**  
(CHEMTREC) 1-800-424-9300 or 1-703-527-3887 (U.S.)  
(RMPDC) 1-877-504-9352 (U.S.)

**E-mail address:** SDS@itwgb.com

## 2. HAZARDS IDENTIFICATION

### Classification

### **OSHA Regulatory Status**

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

|                                   |                |
|-----------------------------------|----------------|
| Skin corrosion/irritation         | Category 2     |
| Serious eye damage/eye irritation | Category 1     |
| Flammable aerosols                | Category 1     |
| Gases under pressure              | Compressed gas |

### Label elements

### **Emergency Overview**

### Signal word

**Danger**

Causes skin irritation  
Causes serious eye damage  
Extremely flammable aerosol  
Contains gas under pressure; may explode if heated

**Appearance** Blue liquid**Physical state** Extremely flammable aerosol**Odor** Solvent**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse

**Precautionary Statements - Storage**

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

**Other Information**

- Not applicable

Unknown acute toxicity

2.93165 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance(s)**

| Chemical Name                   | CAS No    | Weight-% |
|---------------------------------|-----------|----------|
| Sodium Metasilicate             | 6834-92-0 | 1 - 5    |
| Propane                         | 74-98-6   | 1 - 5    |
| BUTANE (PROPELLANT)             | 106-97-8  | 1 - 5    |
| Ethylene Glycol Monobutyl Ether | 111-76-2  | 1 - 5    |
| Ammonia                         | 7664-41-7 | 0.1 - 1  |

### 4. FIRST AID MEASURES

**Description of first aid measures****General advice**

Get medical advice/attention if you feel unwell.

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin contact**

IF ON SKIN: Wash skin with soap and water. If skin irritation persists, call a physician. Take off contaminated clothing and wash before reuse.

---

|   |   |
|---|---|
| <b>Inhalation</b>                         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician. |
| <b>Ingestion</b>                          | IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.                          |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.                         |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** See section 2 for more information.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Dry chemical, CO2, water spray or regular foam

**Unsuitable extinguishing media**

None

**Specific hazards arising from the chemical**

None in particular. Will not burn or support combustion.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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** Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Slippery, can cause falls if walked on.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

Wash contaminated clothing before reuse. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep out of the reach of children. Keep from freezing.

**Incompatible materials** Strong oxidizing agents, Aluminum

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name                               | ACGIH TLV                                | OSHA PEL   | NIOSH IDLH  |
|---|--|--|---|
| Propane<br>74-98-6                          | : See Appendix F: Minimal Oxygen Content | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup>                 | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup>  |
| BUTANE (PROPELLANT)<br>106-97-8             | STEL: 1000 ppm                           | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>  | TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>   |
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | TWA: 20 ppm                              | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup>  |
| Ammonia<br>7664-41-7                        | STEL: 35 ppm<br>TWA: 25 ppm              | TWA: 50 ppm<br>TWA: 35 mg/m <sup>3</sup><br>(vacated) STEL: 35 ppm<br>(vacated) STEL: 27 mg/m <sup>3</sup>                       | IDLH: 300 ppm<br>TWA: 25 ppm<br>TWA: 18 mg/m <sup>3</sup><br>STEL: 35 ppm<br>STEL: 27 mg/m <sup>3</sup> |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

**Respiratory protection** Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Extremely flammable aerosol  
**Appearance** Blue liquid  
**Odor** Solvent  
**Odor threshold** No information available

| <u>Property</u>                | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH                             | 12.5 - 13.5              |                         |
| Melting point / freezing point | No information available |                         |
| Boiling point / boiling range  | 100 °C / 212 °F          |                         |
| Flash point                    | No information available |                         |
| Evaporation rate               | No information available |                         |
| Flammability (solid, gas)      | No information available |                         |
| Flammability Limit in Air      |                          |                         |
| Upper flammability limit:      | No information available |                         |
| Lower flammability limit:      | No information available |                         |
| Vapor pressure                 | Not Determined           |                         |
| Vapor density                  | No information available |                         |
| Relative density               | 1.018                    |                         |
| Water solubility               | Soluble in water         |                         |
| Solubility in other solvents   | No information available |                         |
| Partition coefficient          | No information available |                         |
| Autoignition temperature       | No information available |                         |
| Decomposition temperature      | No information available |                         |
| Kinematic viscosity            | No information available |                         |
| Dynamic viscosity              | No information available |                         |
| Explosive properties           | No information available |                         |
| Oxidizing properties           | No information available |                         |

**Other Information**

|                  |                          |
|------------------|--------------------------|
| Softening point  | No information available |
| Molecular weight | No information available |
| VOC Content (%)  | 5.8                      |
| Density          | 8.48 lb/gal              |
| Bulk density     | No information available |

**10. STABILITY AND REACTIVITY****Reactivity**

Stable under normal use

**Chemical stability**

Stable under recommended storage conditions

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Keep from freezing.

**Incompatible materials**

Strong oxidizing agents, Aluminum

**Hazardous Decomposition Products**

Carbon oxides

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Harmful by inhalation.   |
| <b>Eye contact</b>  | Avoid contact with eyes. Causes severe eye burns.                                  |
| <b>Skin contact</b> | Avoid contact with skin. Contact causes severe skin irritation and possible burns. |
| <b>Ingestion</b>    | Ingestion may cause irritation to mucous membranes. Can burn mouth, throat, and    |

stomach.

| Chemical Name                               | Oral LD50            | Dermal LD50           | Inhalation LC50                    |
|---|----------------------|-----------------------|------------------------------------|
| Sodium Metasilicate<br>6834-92-0            | = 1153 mg/kg ( Rat ) | -                     | -                                  |
| Propane<br>74-98-6                          | -                    | -                     | = 658 mg/L ( Rat ) 4 h             |
| BUTANE (PROPELLANT)<br>106-97-8             | -                    | -                     | = 658 g/m <sup>3</sup> ( Rat ) 4 h |
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | = 470 mg/kg ( Rat )  | = 99 mg/kg ( Rabbit ) | = 450 ppm ( Rat ) 4 h              |
| Ammonia<br>7664-41-7                        | = 350 mg/kg ( Rat )  | -                     | = 2000 ppm ( Rat ) 4 h             |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                               | ACGIH | IARC    | NTP | OSHA |
|---|-------|---------|-----|------|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | A3    | Group 3 | -   | -    |

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Not classifiable as a human carcinogen*

**Chronic toxicity** May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

**Target Organ Effects** Blood, Central nervous system, Eyes, Hematopoietic System, kidney, Liver, Respiratory system, Skin.

The following values are calculated based on chapter 3.1 of the GHS document .

|                                      |              |
|--------------------------------------|--------------|
| <b>ATEmix (oral)</b>                 | 15548 mg/kg  |
| <b>ATEmix (dermal)</b>               | 61111 mg/kg  |
| <b>ATEmix (inhalation-gas)</b>       | 7883105 mg/l |
| <b>ATEmix (inhalation-dust/mist)</b> | 69.9 mg/l    |
| <b>ATEmix (inhalation-vapor)</b>     | 25000 mg/l   |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

6.94665 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Mobility

Disperses in water.

| Chemical Name                   | Partition coefficient |
|---------------------------------|-----------------------|
| Propane<br>74-98-6              | 2.3                   |
| BUTANE (PROPELLANT)<br>106-97-8 | 2.89                  |
| Ethylene Glycol Monobutyl Ether | 0.81                  |

|                      |       |
|----------------------|-------|
| 111-76-2             |       |
| Ammonia<br>7664-41-7 | -1.14 |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of wastes</b>     | Recover or recycle if possible. Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated packaging</b> | Do not reuse container.   |
| <b>US EPA Waste Number</b>    | Not applicable  |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. TRANSPORT INFORMATION****DOT**

|                              |  |
|------------------------------|--|
| <b>UN/ID No</b>              | UN 1950  |
| <b>Proper shipping name:</b> | Aerosols, Flammable, Contains substance in Class 8, Packing Group III, Limited Quantity (LQ) |
| <b>Hazard Class</b>          | 2.1  |

**IATA**

|                              |  |
|------------------------------|--|
| <b>UN/ID No</b>              | UN 1950  |
| <b>Proper shipping name:</b> | Aerosols, Flammable, Contains substance in Class 8, Packing Group III, Limited Quantity (LQ) |
| <b>Hazard Class</b>          | 2.1  |

**IMDG**

|                              |  |
|------------------------------|--|
| <b>UN/ID No</b>              | UN 1950  |
| <b>Proper shipping name:</b> | Aerosols, Flammable, Contains substance in Class 8, Packing Group III, Limited Quantity (LQ) |
| <b>Hazard Class</b>          | 2.1  |

**15. REGULATORY INFORMATION****International Inventories**

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Complies        |
| <b>DSL/NDSL</b>      | Complies        |
| <b>EINECS/ELINCS</b> | Does not comply |
| <b>ENCS</b>          | Does not comply |
| <b>IECSC</b>         | Complies        |
| <b>KECL</b>          | Does not comply |
| <b>PICCS</b>         | Complies        |
| <b>AICS</b>          | Does not comply |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances  
AICS - Australian Inventory of Chemical Substances

**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                              | SARA 313 - Threshold Values % |
|--|-------------------------------|
| Ethylene Glycol Monobutyl Ether - 111-76-2 | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| Acute health hazard               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name        | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|----------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Ammonia<br>7664-41-7 | 100 lb                      | -                      | -                         | X                          |

**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 | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|----------------------|--------------------------|----------------|---|
| Ammonia<br>7664-41-7 | 100 lb                   | 100 lb         | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| Chemical Name                                 | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Propane<br>74-98-6                            | X          | X             | X            |
| BUTANE (PROPELLANT)<br>106-97-8               | X          | X             | X            |
| Ethylene Glycol Monobutyl Ether<br>111-76-2   | X          | X             | X            |
| Ammonia<br>7664-41-7                          | X          | X             | X            |
| Sodium Hydroxide 50%<br>1310-73-2             | X          | X             | X            |
| Nitilotriacetate, trisodium salt<br>5064-31-3 | -          | X             | -            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**WHMIS Hazard Class**

D2A - Very toxic materials, D2B - Toxic materials

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                  |                |                    |                       |
|-------------|------------------|----------------|--------------------|-----------------------|
| <b>NFPA</b> | Health hazards 2 | Flammability 0 | Instability 0      | -                     |
| <b>HMIS</b> | Health hazards 2 | Flammability 0 | Physical hazards 0 | Personal protection B |

NFPA (National Fire Protection Association)



HMIS (Hazardous Material Information System)

Revision Date 11-Sep-2018  
Revision Note 2

**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 a 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**