

***SAFETY DATA SHEET***

**Product Name: W.B.CLEAR**  
**Product Code: WRA-OC-030**

**Date issued: 5/22/2017**

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**SECTION 1 : IDENTIFICATION**

**CONFIDENTIAL**

Product Name        W.B.CLEAR  
Product Code #      WRA-OC-030  
Identified Uses      Protective Coating  
Manufacturer: Modine Mfg. Company  
                  10225 Elizabeth Place  
                  Tampa, FL 33619

Emergency Contact Number: Day: 703-527-3887 CHEMTREC Night: : 703-527-3887 CHEMTREC  
Information Telephone Number: 813-689-4282

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**SECTION 2 : HAZARDS IDENTIFICATION**

Skin Irritant 2  
Eye Damage/Irritation 2b

**GHS Classification**

**GHS Label Elements**

**Hazard Symbols**



**Signal Word**        Warning

**Hazard Statements**

H315 Causes skin irritation  
H320 Causes eye irritation

**Precautionary statements**

**Prevention**

P202 Do not handle until all safety precautions have been read and understood.  
P264 Wash hands and/or face thoroughly after handling.

**Response**

P363 Wash contaminated clothing and wash before reuse.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage/ Disposal**

P501 Dispose of contents/container in accordance with federal, state, provincial, and local regulations.

**Other Hazards**

**OSHA Regulatory Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)

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## **SECTION 3 : COMPOSITION INFORMATION**

| <b>Chemical Designation</b> | <b>CAS No.</b> | <b>% by Weight</b> |
|-----------------------------|----------------|--------------------|
| butoxy dipropanol           | 29911-28-2     | 2.33               |
| propylene glycol            | 57-55-6        | 1.09               |
| 2-butoxyethanol             | 111-76-2       | 0.50               |
| 4-ethylmorpholine           | 100-74-3       | 0.22               |

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## **SECTION 4 : FIRST AID MEASURES**

|                    |  |
|--------------------|--|
| General Advice     | Show this safety data sheet to the doctor in attendance  |
| Eyes:              | Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention. |
| Skin:              | Wash affected area thoroughly with soap and water. If skin irritation persists, get immediate medical attention.   |
| Inhalation:        | Move to fresh air. Restore breathing. If breathing is difficult, get immediate medical attention.  |
| Ingestion:         | Do not induce vomiting – seek immediate medical attention.   |
| Notes to Physician | Treat symptomatically  |

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## **SECTION 5 : FIRE FIGHTING MEASURES**

|  |  |
|--|--|
| Extinguishing Media:                       | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                |
| Specific Hazards arising from the Chemical | Closed containers may rupture if exposed to fire or extreme heat.  |
| Special protective Equipment:              | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

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## **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

|                           |   |
|---------------------------|---|
| Personal Precautions:     | Use personal protective equipment. Remove all sources of ignition.  |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained. |
| Methods for Clean-up      | Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.  |
| Other Information         | None known  |

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## **SECTION 7 : HANDLING & STORAGE**

|           |   |
|-----------|---|
| Handling: | Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Storage:  | Keep container tightly closed. Keep out of the reach of children.   |

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## **SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

HMIS is a Health, Flammability and Reactivity rating: **1 1 0**

HMIS CODE: **4** – SEVERE HAZARD, **3** – SERIOUS HAZARD, **2** – MODERATE HAZARD, **1** – SLIGHT HAZARD, **0** – MINIMAL HAZARD,  
\* – Chronic Hazard

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual conditions of use.

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## Exposure Limits

| Hazardous Components | OSHA PEL | ACGIH TLV |
|----------------------|----------|-----------|
| butoxy dipropanol    | NE       | NE        |
| propylene glycol     | NE       | NE        |

NE = None established NA = Not available (C) = Ceiling limit (I) = Inhalable fraction (IFV) = Inhalable fraction and vapor STEL = Short term exposure limit (R) = Respirable fraction

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

## Personal Protective Equipment

**Eyes/Face:** Safety goggles or full face shield  
**Skin:** Protective gloves and impervious clothing.  
**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hygiene Practices:** Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

|  |                   |                                  |                |
|--|-------------------|----------------------------------|----------------|
| Appearance:                            | liquid            |                                  |                |
| Odor:                                  | Little or no odor | Odor threshold:                  | Not determined |
| VOC lb/gal                             | 0.34              | VOC (g/L)                        | 41.07          |
| VOC (lb/gal) less exempt               | 1.00              | VOC (g/L) less exempt            | 120.15         |
| Relative Density (LB/GAL):             | 8.55              | Specific Gravity (g/L):          | 1.03           |
| Flash Point (F):                       | Greater than 201  |                                  |                |
| Flammability:                          | Not applicable    | Upper/lower flammability limits: | Not applicable |
| Auto-ignition temperature:             | Not applicable    | Decomposition temperature:       | Not determined |
| Evaporation rate :                     | Not available     |                                  |                |
| Vapor Pressure (mmHg) :                | Not available     | Vapor Density :                  | Not available  |
| Initial Boiling Point (F):             | 212               | Boiling Point Range (F):         | Not available  |
| Freezing Point (F):                    | 32                | Melting Point (F):               | Not determined |
| pH                                     | Not available     | Viscosity                        | Not available  |
| Solubility (ies):                      | Not determined    |                                  |                |
| Partition coefficient: n-octanol/water | Not determined    |                                  |                |

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## SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.  
Conditions to Avoid: Prevent from freezing  
Materials to Avoid: No materials to be especially mentioned.  
Hazardous Decomposition Products: None under normal use.  
Possibility of Hazardous Reactions: None under normal conditions of use.

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## SECTION 11 : TOXICOLOGICAL INFORMATION

### Acute Toxicity

| Component         | LD50 Oral mg/kg (Rat) | LD50 Dermal mg/kg (Rabbit) | LC50 Inhalation mg/L (Rat, 4 hr.) |
|-------------------|-----------------------|----------------------------|-----------------------------------|
| butoxy dipropanol | NA                    | NA                         | NA                                |
| propylene glycol  | NA                    | NA                         | NA                                |

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**Chronic Toxicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen:

| Component | IARC | NTP | OSHA |
|-----------|------|-----|------|
|-----------|------|-----|------|

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**SECTION 12 : ECOLOGICAL INFORMATION**

No ecological information available

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**SECTION 13 : DISPOSAL CONSIDERATION**

|                       |   |
|-----------------------|---|
| Waste Disposal Method | Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options. |
|-----------------------|---|

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**SECTION 14 : TRANSPORT INFORMATION**

| REGULATION           | DESCRIPTION   |
|----------------------|---------------|
| DOT                  | Not regulated |
| Proper Shipping Name |               |
| Hazard Class         |               |
| UN-No                |               |
| Packing Group        |               |
| ICAO / IATA          | Not regulated |
| IMDG/IMO             | Not regulated |

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**SECTION 15 : REGULATORY INFORMATION**

US TSCA:                   Yes – All components are listed or exempt

**Federal Regulations**

**SARA 311/312 hazardous categorization**

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | YES |
| Chronic Health Hazard             | NO  |
| Fire Hazard                       | NO  |
| Sudden Release of Pressure Hazard | NO  |
| Reactive Hazard                   | NO  |

**SARA 313**

Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, 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 Designation | Cas No. | Weight % |
|----------------------|---------|----------|
|----------------------|---------|----------|

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)**

| Chemical Designation | Cas No. | Weight % |
|----------------------|---------|----------|
|----------------------|---------|----------|

Any Target HAP listed in this section is not an OSHA Carcinogen unless listed as such in Section 11 under Chronic Toxicity.

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**State Regulations**

**California Proposition 65**

This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

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**SECTION 16 : OTHER INFORMATION**

Date issued: 7/2/2015VER 01

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purposes.