

PRODUCT NAME: ABRO Windshield Washer Tablets  
PRODUCT NUMBER/SIZE: WW-500

Rev Date: 5/13/2015

## SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.  
ADDRESS: 3580 Blackthorn Drive  
South Bend, IN 46628  
USA  
PRODUCT DESCRIPTION: Windshield Washer  
COMPANY PHONE: 574-232-8289  
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300  
International +1-703-527-3887

## SECTION 2 Hazards Identification

### Classification:

This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia).

### Label Pictogram(s):



Signal Word: **WARNING**

Hazard Phrases: Causes eye irritation

Precautionary Phrases: None

Response: IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs- Get medical advice/ attention. For specific first aid treatment (see section 4 of this Safety Data Sheet). Wash contaminated clothing before reuse.

Storage / Disposal: None

Other: Keep out of reach of children.

## SECTION 3

### Composition/Information on Ingredients

					Exposure Limits in Air (mg/m³)								
					ACGIH		NOHSC			OSHA			
					ppm		ppm			ppm			OTHER
Chemical Name (s)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES-TWA	ES-STEL	ES-Peak	PEL	STEL	IDLH	
Proprietary Ingredients	NA	NA	NA	≤100	NA	NA	NF	NF	NF	NA	NA	NA	

NA =Not Available; NO= Not Determined; NE = Not Established; NF = Not Found; C = Ceiling Limit; See Section 16 for Additional Definitions and Terms Used.

NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2010 format

## SECTION 4

### First Aid Measures

#### First Aid Measures

<b>Eyes</b>	IF IN EYES: Flush eyes thoroughly with copious amounts of water for at least 20 minutes, holding eyelids open to ensure complete flushing. If irritation persists, contact a physician.
<b>Skin</b>	IF ON SKIN: Wash affected areas with soap and water. If irritation persists, contact a physician. Launder clothing before re-use.
<b>Ingestion</b>	If swallowed, DO NOT induce vomiting. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
<b>Inhalation</b>	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. Move victim to fresh air. If breathing is difficult, give oxygen. Central nervous system depressant. Vapor may cause light headedness, headache, nausea, loss of coordination and respiratory tract irritation.
<b>Signs &amp; Symptoms Of Over Exposure:</b>	Symptoms of skin overexposure in individuals may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering.

## SECTION 5

### Fire Fighting Measures

<b>Flashpoint &amp; Method:</b>	Not flammable.
<b>Autoignition Temperature</b>	NA
<b>Flammability Limits:</b>	LEL: NA UEL: NA
<b>Fire &amp; Explosion Hazards:</b>	Poses no unusual fire or explosion hazard.
<b>Extinguishing Methods:</b>	CO <sub>2</sub> , sand, dry chemical, Halon (if authorized), foam, and indirect water spray or fog.

**Firefighting Procedures:**

Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply or any natural waterway. Firefighters should wear full-face, self-contained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious clothing.

## SECTION 6 Accidental Release Measures

**Spills**

Secure spill area and maximize ventilation. Stop spill or leak at source if safely possible. Deny entry to all unprotected individuals. Individuals involved in the cleanup must wear appropriate personal protective equipment. Recover free liquid or cover with inert absorbent material and place into appropriate container(s) for disposal. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers or any natural waterway or drinking supply.

## SECTION 7 Handling and Storage

**Work & Hygiene Practices:**

Use normal hygiene practices. Avoid breathing vapors. Avoid direct skin contact. Wash hand thoroughly after using this product and before eating, drinking, or smoking.

## SECTION 8 Exposure Controls/Personal Protection

**Ventilation & Engineering Controls:**

When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

**Respiratory Protection:**

No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR 1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

**Eye Protection:**

Safety glasses with side shields should be used with this product. If splashing is anticipated, splash goggles and a face shield are recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian standards, or the European Standard EN166.

**Hand Protection:**

Do not wear rings, watches or jewelry that could entrap the material against the skin. If anticipated that prolonged & repeated skin contact will occur during use of this product, wear neoprene or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian standards, or the European Standard EN166.

## SECTION 9

### Physical and Chemical Properties

Density	1.01 – 1.02
Boiling Point	> 100°C
Melting Point	< 1.0°C
Evaporation rate	< 1.0 (water = 1)
Vapor pressure	17 mm Hg
Molecular Weight	NA
Appearance & Color	Blue and white tablet
Odor Threshold	Mild odor
Solubility	Fully soluble
pH	9.79
Viscosity	NA
Other information	Vapor Density: 3.2 (air = 1.0)

## SECTION 10

### Stability and Reactivity

Stability:	Stable under ambient conditions when stored properly (see section 7, storage and handling)
Hazardous decomposition products:	If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases (e.g. CO, CO <sup>2</sup> )
Hazardous polymerization:	Will not occur
Conditions to avoid (e.g. static discharge, shock or vibration):	Open flames, sparks, high heat, and close proximity to incompatible substances (e.g. alkalis, strong oxidizers)
Incompatibilities:	Alkalis, strong oxidizers. Damp environments – material is very hygroscopic (e.g. absorbs water readily).

## SECTION 11

### Toxicological Information

Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.
Acute Toxicity:	See Section 2.5
Chronic Toxicity:	See Section 2.6
Suspected Carcinogen:	No
Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans
Mutagenicity:	This product is not reported to produce mutagenic effects in humans

<b>Embryotoxicity:</b>	This product is not reported to produce embryotoxic effects in humans
<b>Teratogenicity:</b>	This product is not reported to produce teratogenicity effects in humans
<b>Irritancy of Product:</b>	See Section 2.3
<b>Biological Exposure Indices:</b>	NE
<b>Physicians Recommendations:</b>	Treat symptomatically

## SECTION 12 Ecological Information

<b>Environmental Stability:</b>	The manufacture has not reported detailed studies on the environmental fate of the material. However, prudent practice would dictate the material not be allowed to enter the environment.
<b>Effects on Plants &amp; Animals:</b>	The manufacturer has not reported any plant and animal effects.
<b>Effects on Aquatic Life:</b>	The manufacturer has not reported any aquatic life effects.

## SECTION 13 Disposal Considerations

<b>Waste Disposal:</b>	Waste disposal must be in accordance with appropriate Federal, state, and local regulations.
<b>Special Considerations:</b>	NA

## SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

<b>U.S. DOT</b>	UN/ID Number:	Not Regulated
	Proper shipping name:	
	Hazard class:	
	Packing Group:	
	Exceptions:	
	Environmental Hazards:	
	Transport in Bulk:	
	Special Precautions:	

**IMO/IMDG** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**ICAO/IATA** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard Class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**Canada (TDG)** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

## SECTION 15 Regulatory Information

### **SARA Reporting Requirements:**

This product does not contain any substances subject to SARA reporting requirements.

### **SARA Threshold Planning Quantity:**

There are no specific Threshold Planning Quantities (TPQ's) for the components of this product.

### **TSCA Inventory Status:**

The components of this product are listed on the TSCA inventory.

### **CERCLA Reportable Quantity (RQ):**

NA

### **Other Federal Requirements:**

NA

### **Other Canadian Regulations:**

This product has been classified according to the hazard criteria of the CPR and MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.



**State Regulatory Information:**

None of the ingredients in this mixture are found on any of the following state criteria lists: California OSHA Hazardous Substances List, Delaware Air Quality Management List, Massachusetts Hazardous Substances List, Minnesota Hazardous Substances List, New Jersey Right to Know Hazardous Substances List, New York List of Hazardous Substances, Pennsylvania Hazardous Substances List, Washington Permissible Exposure Limits for Air Contaminants, Wisconsin Hazardous Substances List.

**67/548/EEC (European Union) Requirements:**

The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC:

WARNING! Causes eye irritation.

Hazard Statements (H): H230 Causes eye irritation

Precautionary Statements (P):

IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs - Get medical advice/ attention. For specific first aid treatment (see section 4 of this Safety Data Sheet). Wash contaminated clothing before reuse.



**Other information:**

Use only as directed. Avoid eye contact. If contact occurs, flush eye thoroughly with running water. Use only in a well ventilated area. If redness or other signs of adverse reaction occur, discontinue use immediately. Keep container closed. KEEP OUT OF REACH OF CHILDREN.

**SECTION 16**  
**Other Information**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

**ABBREVIATIONS:**

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable