

# SAFETY DATA SHEET

**SUPER FLOOR WASH**

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Directives

## SECTION 1. PRODUCT IDENTIFICATION

<b>1.1 TRADE NAME (AS LABELED):</b>	<b>SUPER FLOOR WASH</b>
SYNONYMS:	N/A
PRODUCT CODE:	10030
CAS#:	Mixture
<b>1.2 PRODUCT USE:</b>	Used to clean and remove soil from hard floors.
<b>1.3 MANUFACTURER'S NAME:</b>	<b>Aire-Master of America Inc.</b>
ADDRESS:	1821 N HWY CC, Nixa, Missouri 65714
BUSINESS PHONE:	1-417-725-2691
WEB SITE INFORMATION:	www.airemaster.com
<b>1.4 EMERGENCY PHONE NUMBERS:</b>	1-417-725-2691
DATE OF CURRENT REVISION:	November 22, 2016
DATE OF LAST REVISION:	New

## SECTION 2. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is a liquid with a blue color and a minty odor.

**Health Hazards:** May cause skin and eye irritation.

**Flammability Hazards:** This product is considered Non-Flammable.

**Reactivity Hazards:** None.

**Environmental Hazards:** The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOL(S)

EUROPEAN and (GHS) Hazard Symbol(s)

*Non-Regulated  
Material*

**Complies with WHMIS 2015**



Signal Word: **Warning!**

### **2.1 GHS LABELING AND CLASSIFICATION:**

#### **CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

#### **EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**

**Index Number:**

**EC# 231-633-2 is listed in Annex VI Index: 015-011-00-6**

**EC# 226-218-8 is listed in Annex VI Index: 016-026-00-0**

**CAS# 108797-84-8 is not listed in Annex VI**

**CAS# 108797-85-9 is not listed in Annex VI**

Substances not listed either individually or in group entries must be self classified.

#### **Component(s) Contributing to Classification(s)**

Butyl ether Hydroxypropyl Sultaine, 2-ethylhexyl ether hydroxypropyl sultaine, Sulfamic acid, Phosphoric acid 18% active

### **2.2 LABEL ELEMENTS**

#### **GHS Hazard Classification(s):**

Skin Irritation Category 2

Eye Irritation Category 2B

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## Hazard Statement(s):

H315: Causes skin irritation  
H319: Causes eye irritation

## Response Statement(s):

P332+P313: If skin irritation occurs: Get medical advice/attention.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

## Prevention Statement(s):

P264: Wash thoroughly after handling.  
P280: Wear protective gloves.

## Storage Statement(s):

None Applicable

## Disposal Statement(s):

None Applicable

## 2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin and eyes. The symptoms of overexposure are described in the following paragraphs.

### **ACUTE:**

**INHALATION:** May cause irritation to the respiratory tract.

**CONTACT WITH SKIN:** May cause skin irritation.

**EYE CONTACT:** May cause eye irritation.

**INGESTION:** May cause irritation to the gastrointestinal tract.

**CHRONIC:** None known.

**TARGET ORGANS: Acute:** Skin, Eyes

**Chronic:** None known

## SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	Hazard Classification
Sulfamic acid	6-8%	5329-14-6	226-218-8	Eye Irritant Cat 2, Skin Irritant Cat 2, Aquatic Chronic Category 3
Phosphoric acid	1-2%	7664-38-2	231-633-2	Skin Corrosive Cat 1
Butyl ether Hydroxypropyl Sultaine	<2%	108797-84-8	Not listed	Eye Damage Cat 1, Skin Sensitization Cat 1
2-ethylhexyl ether hydroxypropyl sultaine	<1%	108797-85-9	Not listed	Eye Damage Cat 1, Skin Sensitization Cat 1
Water	BALANCE	7732-18-5	231-791-2	None

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000

## 4. FIRST-AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES:

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.

**SKIN CONTACT:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin or eye problems may be aggravated by prolonged contact.

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## 4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Contact with the skin and eyes cause irritation.

## 4.3 RECOMMENDATIONS TO PHYSICIANS:

Treat symptoms and eliminate overexposure.

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray: Yes                      Carbon Dioxide: Yes  
Foam: Yes                                Dry Chemical: Yes  
Halon: Yes                                Other: Any "C" Class

### 5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:

Irritating and toxic fumes may be produced at high temperature. Use of water may result in the formation of a toxic aqueous solution. Do not allow run-off from fire fighting to enter drains or water courses.

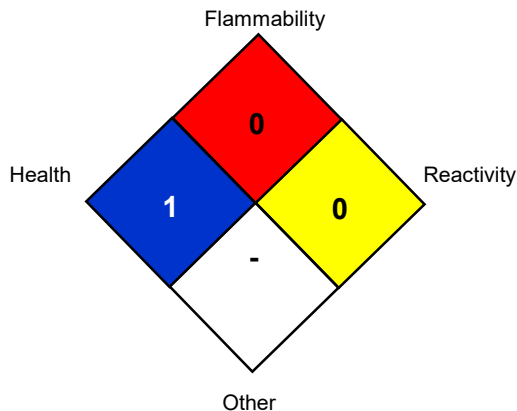
Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

### 5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### NFPA RATING SYSTEM



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)		1	
FLAMMABILITY HAZARD (RED)		0	
PHYSICAL HAZARD (YELLOW)		0	
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas

### 6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

### 6.3 SPILL AND LEAK RESPONSE:

**Small spills:** Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal.

**Large spills:** Approach suspected leak areas with caution. Create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

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## SECTION 7. HANDLING and STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

To prevent skin and eye contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Handle in a well-ventilated work area.

### 7.2 STORAGE AND HANDLING PRACTICES:

Keep in cool, dry, well-ventilated area in closed containers. Protect containers from physical damage.

### 7.3 SPECIFIC USES:

Used to clean and remove soil from hard floors.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 EXPOSURE PARAMETERS:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Sulfamic acid	5329-14-6	Not Listed	Not Listed
Phosphoric acid	7664-38-2	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Butyl ether Hydroxypropyl Sultaine	108797-84-8	Not Listed	Not Listed
2-ethylhexyl ether hydroxypropyl sultaine	108797-85-9	Not Listed	Not Listed
Water	7732-18-5	Not Listed	Not Listed

### 8.2 EXPOSURE CONTROLS:

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Safety glasses or goggles are recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**HAND PROTECTION:** Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**BODY PROTECTION:** Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE (Physical State) and COLOR:** This product is a blue liquid.

**ODOR:** Mint odor.

**ODOR THRESHOLD:** Not Available

**pH:** 2-3

**MELTING/FREEZING POINT:** Not Available

**BOILING POINT:** Not available

**FLASH POINT:** Not applicable

**EVAPORATION RATE (n-BuAc=1):** Not Available

**FLAMMABILITY (SOLID, GAS):** Not Applicable

**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not Available

**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** Not Available

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VAPOR DENSITY: Not Available  
RELATIVE DENSITY: Not Available  
SPECIFIC GRAVITY: Approximately 1.01  
SOLUBILITY IN WATER: Yes  
WEIGHT PER GALLON: Not Available  
PARTITION COEFFICIENT (n-octanol/water): Not Available  
AUTO-IGNITION TEMPERATURE: Not Available  
DECOMPOSITION TEMPERATURE: Not Available  
VISCOSITY: Watery thin

## 9.2 OTHER INFORMATION:

No additional information available at this time.

## SECTION 10. STABILITY and REACTIVITY

### 10.1 REACTIVITY:

This product is not reactive

### 10.2 STABILITY:

Stable under conditions of normal storage and use.

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Will not occur.

### 10.4 CONDITIONS TO AVOID:

No data available.

### 10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

No data available.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

#### TOXICITY DATA:

Phosphoric acid	7664-38-2	LD50 dermal	2,740 mg/kg	Rabbit
Sulfamic acid	5329-14-6	LD50 oral	3,160 mg/kg	Rat

**ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin and eyes. The symptoms of overexposure are described in the following paragraphs.

#### ACUTE:

**INHALATION:** May cause irritation to the respiratory tract.

**CONTACT WITH SKIN:** May cause skin irritation.

**EYE CONTACT:** May cause eye irritation.

**INGESTION:** May cause irritation to the gastrointestinal tract.

**CHRONIC:** None known.

**TARGET ORGANS: Acute:** Skin, Eyes

**Chronic:** None known

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Skin Irritation Category 2
Serious eye damage / irritation	Eye Irritation Category 2B
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

**SUSPECTED CANCER AGENT:** Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

**IRRITANCY OF PRODUCT:** This product may be irritating to skin and eyes.

**SENSITIZATION TO THE PRODUCT:** No data available

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**REPRODUCTIVE TOXICITY INFORMATION:** No specific information is available concerning the effects of this product and its components on the human reproductive system.

**SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:** None known.

**SPECIFIC TARGET ORGAN TOXICITY- REPEATED EXPOSURE:** None known.

**ASPIRATION HAZARD:** Not expected to be an aspiration hazard.

## SECTION 12. ECOLOGICAL INFORMATION

### **12.1 TOXICITY:**

Sulfamic acid	5329-14-6	LC50	70.3 mg/l-96h	Fish
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### **12.2 PERSISTENCE AND DEGRADABILITY:**

No specific data available on this product.

### **12.3 BIOACCUMULATIVE POTENTIAL:**

No specific data available on this product.

### **12.4 MOBILITY IN SOIL:**

No specific data available on this product.

### **12.5 RESULTS OF PBT AND vPvB ASSESSMENT:**

No specific data available on this product.

### **12.6 OTHER ADVERSE EFFECTS:**

No data available

### **12.7 WATER ENDANGERMENT CLASS:**

May be water endangering in accordance with EU Guideline 91/155-EWG. Do not allow product to reach ground water, water course or sewage system. At present there are no ecotoxicological assessments for this product.

## SECTION 13. DISPOSAL CONSIDERATIONS

### **13.1 WASTE TREATMENT METHODS:**

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

### **13.2 EU WASTE CODE:**

Not determined

## SECTION 14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

**14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

<b>UN IDENTIFICATION NUMBER:</b>	Non-Regulated Material
<b>PROPER SHIPPING NAME:</b>	None
<b>HAZARD CLASS NUMBER and DESCRIPTION:</b>	None
<b>PACKING GROUP:</b>	None
<b>DOT LABEL(S) REQUIRED:</b>	None
<b>NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:</b>	None
<b>RQ QUANTITY:</b>	None

### **14.2 ENVIRONMENTAL HAZARDS:**

**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

**14.3 SPECIAL PRECAUTION FOR USER:** None

**14.4 INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):** This product is not considered as dangerous goods.

**14.5 INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO):** This product is not considered as dangerous goods.

### **14.6 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:**

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):** This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

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## SECTION 15. REGULATORY INFORMATION

### **15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:**

#### **UNITED STATES REGULATIONS:**

**U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** Phosphoric acid CAS# 7664-38-2 5,000lbs

**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None known

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does not contain ingredients on the Proposition 65 Lists.

#### **15.2 CANADIAN REGULATIONS:**

**CANADIAN DSL/NDSL INVENTORY STATUS:** Components are DSL Listed, NDSL Listed and/or are exempt from listing

**OTHER CANADIAN REGULATIONS:** Not applicable.

#### **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** This product is classified per 2015 WHMIS Controlled Products Regulations.

#### **15.3 EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

See Section 2 for Details

#### **CHEMICAL SAFETY ASSESSMENT :**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

#### **15.4 AUSTRALIAN INFORMATION FOR PRODUCT:** Components of this product are listed on the International Chemical Inventory list.

#### **15.5 JAPANESE INFORMATION FOR PRODUCT:**

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

#### **15.6 INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Not Listed

Swiss Giftlist List of Toxic Substances: Listed

U.S. TSCA: Listed

## SECTION 16. OTHER INFORMATION

#### **ABBREVIATIONS AND ACRONYMS:**

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

# SAFETY DATA SHEET

SUPER FLOOR WASH

PREPARED BY: Chris Eigbrett – (MSDS to GHS Compliance)

DATE OF PRINTING: November 22, 2016

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Dead Down Wind assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Dead Down Wind assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

**END OF SDS SHEET**