

Date: January 3, 2012  
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Former date: November 21, 2008  
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## 1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: ANTI-ALLERGEN FILTER ENHANCER Product Code: 4-101227  
The intended use of the product is a new HVAC filter application that traps very small particles of soils and allergens.

Standard industrial classification: 2842

Manufacturer: Master Blend, Inc  
5285 Fox Street Unit A  
Denver, CO USA 80216  
303-373-0702 Telephone

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL CHEM-TEL, INC.  
(USA, Canada & U.S. Virgin Islands) 1-800-255-3924 OR INTERNATIONAL CALL COLLECT 1-813-248-0585

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### 2.1 Hazardous Ingredients

2.1.1 CAS #	EINECS #	2.1.2 Name	2.1.3 Concentration	2.1.4 Warning, Risk phrases
7732-18-5	231-791-2	Water	Proprietary	None
Proprietary	Proprietary	Ternary non-ionic Surfactant compound	Proprietary	R20/21/22
Proprietary	Proprietary	Tall-oil fatty acid	Proprietary	R20/21/22
Proprietary	Proprietary	Organic acids	Proprietary	R20/21/22
2.1.5	Three confidential ingredients: surfactant, tall-oil acid and organic buffer.			
2.1.6	Confidential components are not listed hazardous less than 1 percent each.			
2.1.7	Other information: Basic			

## 3. HAZARDS IDENTIFICATION

**Human:** This product may cause irritation to eyes. If swallowed the product is not toxic. Keep the product out of the reach of children and keep out of eyes.

**Environment:** This product is biodegradable, non-toxic, hypo-allergenic, and environmentally safe.

## 6. ACCIDENTAL RELEASE MEASURES

Large spills should be treated with dry absorbent and disposed at legal waste disposal site.

Small spill can be flushed with water to sewage drain linked to waste treatment facility.

## 4. FIRST AID MEASURES

**Eye Contact:** Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** Wash out mouth with water. Not expected to be an irritant.

Not expected to be a skin or respiratory irritant.

## 7. HANDLING AND STORAGE

Handle product with best business practices. Low temperature can cause handling problems. Viscosity will increase with lower temperatures. Keep out of the reach of children. Keep this product stored away from food, drink and animal feeding stuffs. Store in a cool and dry area.

## 5. FIRE-FIGHTING MEASURES

The product is non-combustible; use suitable extinguishing media for the surrounding fire.

Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters.

This product is unlikely to support combustion as it is not combustible and not an oxidiser.

Exposure hazard: decomposition of product may be oxides of carbon.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limit values:** None found

**Exposure controls:** Safety glasses may be used.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

The product is a clear colourless liquid with a clean odour.

Important health, safety and environmental information

pH	9.5
Boiling point/boiling range	>100°C (212°F)
Freezing point	<0 °C (32°F)
Flash point (TCC)	NA
Flammability (solid, gas)	NA
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Very low
Relative density	Greater than water
Solubility	100% soluble in water
Specific gravity	1.00
RVOC%	0.00

**10. STABILITY AND REACTIVITY**

The product is stable and will not polymerise. In a fire situation, the products may be oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

Sub-acute, sub-chronic and prolonged toxicity have not been determined.

**12. ECOLOGICAL INFORMATION**

Biodegradability:	Biodegradable
Mobility:	Soluble in water
Bio-accumulation:	This product is unlikely to accumulate in waterways and will not accumulate in the environment.

The impact on some organisms has not been determined.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

**14. TRANSPORTATION INFORMATION**

Not Regulated.

**15. REGULATORY INFORMATION**

ILO:	None
WHMIS:	None
Risk Phrases:	R36 - Irritating to eyes
Safety Phrases:	S2 – Keep out of the reach of children S25 - Avoid contact with eyes

Special regulations on certain preparations:

HMIS	Health	NFPA
1	1	1
0	0	0
0	0	0
A	PPE	0

**16. OTHER INFORMATION**

Restrictions on use: Ready to use.

Further information:

Call CHEM-TEL, INC. collect 1- 813-248-0582

Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.

This product contains no Prop 65 materials.

No ingredients are listed in the following inventories: USA (TSCA); China (CI); Korea (ECL); Canada (DSL); Philippines (PICCS); Europe (EINECS); Japan (MITI) and Australia (AICS).

CERCLA RQ: None

This is a revised Safety Data Sheet.

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