

Date: February 23, 2012  
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Former date: November 21, 2008  
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## 1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: R.A.G.E.™ Product Code: 3-100406  
The intended use of the product is a detergent for the removal of petroleum oil based soils from carpet.

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 No	2.1.2 Name	2.1.3 Concentration	2.1.4 Warning, Risk phrases
7758-29-4	231-838-7	Sodium tripolyphosphate	60-90%	R 20/21/22
111-76-2	203-905-0	2-butoxyethanol	5-15%	R 10, R20/21
68439-46-3	NA	Ethoxylated alcohol	1-5%	R 20/21/22
2492-26-4	219-660-8	Sodium 2-mercaptobenzothiazole	<1%	R 34, R50/53

2.1.5 Two confidential ingredients: sodium alkylnaphthalenesulfonate blend, 1-5% (R36/37/38); fragrance, <1%

2.1.6 Confidential components are not listed dangerous less than 1 percent each.

2.1.7 Other information: None

## 3. HAZARDS IDENTIFICATION

**Human:** This product may cause irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause severe irritation to mucous membranes.

**Environment:** This product is likely to accumulate in aquatic environment.

## 4. FIRST AID MEASURES

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

**Skin Contact:** Wash with soap and water. If irritation persists, seek medical attention.

**Inhalation:** Remove to fresh air. If trouble with breathing persists, seek medical attention.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention.

## 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 or sulphur.

## 6. ACCIDENTAL RELEASE MEASURES

Sweep up the spills for re-use or disposal. Check local authority for proper disposal methods.

Do not mix this product with other waste materials.

## 7. HANDLING AND STORAGE

Handle product with best business practices. Keep this product stored away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store in a cool and dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values:

HTP values: None  
Other limit values: (USA) OSHA PEL: 2-butoxyethanol (50 ppm); Alkyl alcohol (400 ppm); Nuisance dust (15 mg/m<sup>3</sup>)  
Limit values in other countries: (AICS), (DSL), (ECL),(EEC), (ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK):  
2-butoxyethanol (25 ppm); Alkyl alcohol (400 ppm)  
(AICS): Nuisance dust (10 mg/m<sup>3</sup>)

**Exposure controls:** Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. Wear a dust mask to avoid long term effect of breathing the material. Wear chemical imperious gloves to protect exposure to your hands. Wear chemical safety goggles or glasses to protect your eyes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

The product is a dry blue powder with a floral odour.  
Important health, safety and environmental information

RTU pH	8.5
Boiling point/boiling range	NA
Freezing point	NA
Flash point	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% in water
Specific gravity	2.27
RVOC%	9.63

**10. STABILITY AND REACTIVITY**

The product is stable and will not polymerise. Avoid strong oxidising agents.  
Hazardous decomposition of product may be oxides of carbon or sulphur.

**11. TOXICOLOGICAL INFORMATION**

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

**12. ECOLOGICAL INFORMATION**

Biodegradability:	NA
Mobility:	Soluble in water
Bio-accumulation:	This product is likely to accumulate in waterways and will accumulate in the environment (may cause algae growth). The impact on other 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:	Xn (Harmful)
WHMIS	Harmful
Risk Phrases:	R22 – Harmful if swallowed R36/37/38 – Irritating to eyes, respiratory system and skin
Safety Phrases:	S2 – Keep out of the reach of children S13 – Keep away from food, drink and animal feeding stuffs S24/25 – Avoid contact with eyes and skin S37/39 – Wear suitable gloves and eye/face protection S62 – If swallowed do not induce vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

HMIS		NFPA
1	Health	1
0	Fire	0
0	Reactivity/Instability	0
E	PPE	

**16. OTHER INFORMATION**

Restrictions on use: Ready to use after label dilution. This product intended for professional use only.  
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.  
This is a revised Safety Data Sheet.  
Sodium phosphate, tribasic is listed in the following inventories: USA (TSCA); Korea (KECL); Canada (DSL); Philippines (PICCS); Europe (EINECS); Japan (ENCS and Australia (AICS).  
CERCLA RQ: Sodium tripolyphosphate: 2268 kg (5000 lbs)  
Product listed as harmful by USA, DSL, EINECS, AICS, ECL, ENCS, PICCS: 2-butoxyethanol.

This information is furnished without warranty expressed or implied except that it is accurate to the best knowledge of Master Blend, Inc. The data and information on the Safety Data Sheet relates only to the specific material designated herein. Master Blend, Inc. assumes no legal responsibility for use or reliance upon the data.