



Date: October 26, 2012  
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Former date: January 5, 2009  
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## 1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name CITRUS BLASTER Product Code: 6-040202  
The intended use of the product is a degreasing carpet cleaning prespray.  
Standard industrial classification: 2842  
Manufacturer: Adco Pro Cleaning Supply Co.  
5285 Fox Street  
Denver, CO USA 80216  
303-373-4779 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	40-90%	None
68439-46-3	226-097-1	Ethoxylated alcohol	5-15%	R24, R37
94266-47-4	304-454-4	D-limonene	5-15%	R10, R20/21/22
34590-94-8	250-104-2	Dipropyl glycol	5-15%	R/20/21/22
68603-42-9	271-657-0	Monomethyl ether	1-5%	R20/21/22
56-81-5	200-289-5	Cocamide DEA	<1%	R20/21/22
111-42-2	203-868-0	Glycerin	<1%	R20/21/22
64972-19-6	265-295-2	Diethanolamine	<1%	R20/21/22
		β-alanine, n-(carboxyethyl)	<1%	R20/21/22
		-n-[3-(Decyloxy) propyl]		
		-monosodium salt		

2.1.5 Confidential ingredients: None

## 3. HAZARDS IDENTIFICATION

**Human:** This product may cause severe irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause severe irritation to mucous membranes. Avoid contact with strong acids & oxidising agents.

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

## 4. FIRST AID MEASURES

**Eye Contact:** Flush with water for at least 15 minutes. 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 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 likely to support combustion as it is combustible and not an oxidiser.

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

## 6. ACCIDENTAL RELEASE MEASURES

Sweep up spills for re-use or disposal. Large spills should be treated with dry absorbent and disposed at legal waste disposal site. Check local authority for proper disposal methods. Do not mix this product with other waste materials.

## 7. HANDLING AND STORAGE

Handle this 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. Do not store in aluminum containers.

COMBUSTIBLE – KEEP AWAY FROM OPEN FLAME.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values:

HTP values: None found  
Other limit values: (USA) TWA: Glycerin (2 ppm); Alkyl alcohol (400 ppm)  
NIOSH REL: Diethanolamine (3 ppm)  
OSHA PEL: Dipropylene glycol monomethyl ether (100 ppm)

Limit values in other countries: (AICS), (DSL), (ECL), (EEC), (ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK)  
Glycerin (2 ppm); Diethanolamine (3 ppm); Dipropylene glycol monomethyl ether (300 ppm); Alkyl alcohol (400 ppm); D-limonene (20 ppm)

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

The product is a clear, amber liquid with a citrus odour.  
Important health, safety and environmental information

pH	9.2
Boiling point/boiling range	>100°C (212°F)
Freezing point	<0 °C (32°F)
Flash point (TCC)	> 52.2°C (126°F)
Flammability (solid, gas)	NA
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Mild
Relative density	Same as water
Solubility	100% in water
Specific gravity	0.98
RVOC%	18.55

**10. STABILITY AND REACTIVITY**

The product is stable and will not polymerise. Avoid strong acids & oxidising agents.

In a fire situation, the products may be oxides of carbon and nitrogen.

**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. Some ingredients of this product have been determined to be toxic to fish and other organisms.

**13. DISPOSAL CONSIDERATIONS**

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

**14. TRANSPORTATION INFORMATION**

Identification	UN1993
Proper Shipping Name	Flammable liquids, N.O.S. (Petroleum distillates)
Hazard Class	3
Packing group	III
US Domestic Ground shipments:	Combustible liquid [49CFR 173.150(f)]
US Domestic air shipments up to 5L (1.3 gal) per bottle:	Consumer
Commodity ORM-D-AIR	

**15. REGULATORY INFORMATION**

ILO:	F (Flammable)
WHMIS:	Irritant, Flammable
Risk phrases:	R20/22 - Harmful by inhalation and if swallowed R36/38 – Irritating to eyes 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 skin and eyes S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 - Wear suitable gloves and eye/face protection S38 - In case of insufficient ventilation, wear suitable respiratory equipment 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
2	Fire	2
0	Reactivity/Instability	0
E	PPE	

**16. OTHER INFORMATION**

Restrictions on use: Ready to use. This product is 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.

Products listed as harmful by USA, DSL, EINECS, AICS, ECL, EICS, ENCS, PICCS: Dipropylene glycol monomethyl ether, Diethanolamine, Limonene.

This is a revised Safety Data Sheet.

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