



Date: October 4, 2012
Prepared by: Dane Oberhill

Former date: February 20, 2009
Reviewed by: Rich Schilz

1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name SUPERIOR PLUS TLC Product Code: 4-090530
The intended use of the product is for removal of hard to remove soil and grease in carpet.
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		2.1.2	2.1.3	2.1.4
CAS #	EINECS #	Name	Concentration	Warning, Risk phrases
7732-18-5	231-791-2	Water	60-80%	None
34590-94-8	252-104-2	Dipropylene glycol Monomethyl ether	5-15%	R20/21/22
61790-12-3	NA	Tall Oil Fatty Acids	5-10%	R22,R37/38
7758-29-4	221-838-7	Sodium tripolyphosphate	1-5%	R/20/21/22
68439-46-3	NA	Ethoxylated alcohol	1-5%	R20/21/22
6834-92-0	231-912-9	Sodium metasilicate	1-5%	R20/21/22
1300-72-7	215-090-9	Sodium xylenesulfonate	1-5%	R20/21/22
7601-54-9	231-509-8	Trisodium Phosphate	1-5%	R34
60-00-4	200-449-4	EDTA	<1%	R20/21/22, R36
2.1.5	Two Confidential Ingredients: Inorganic basic solution (<1%); Fragrance (R20/21/22)			
2.1.6	No confidential components listed dangerous less than 1 percent each.			
2.1.7	Other information: Basic			

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 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 hazardous: decomposition of product may be oxides of carbon.

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 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. Do not store this product in aluminum containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:

HTP values: None found
Other limit values: (USA) OSHA PEL: Dipropylene glycol monomethyl ether (100 ppm)
Alkyl alcohol (400 ppm)

Limit values in other countries: (AICS), (DSL), (ECL),(EEC), (ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK): Dipropylene glycol monomethyl ether (300 ppm), Alkyl alcohol (400 ppm)

Exposure controls: Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. 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 clear, pale light amber liquid with a lemon odour.
Important health, safety and environmental information

pH	12.5
Boiling point/boiling range	>100°C (212°F)
Freezing point	<0 °C (32°F)
Flash point(TCC)	> 96.1°C (205°F)
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	1.08
RVOC%	5.95
Other information:	Basic material

10. STABILITY AND REACTIVITY

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

Hazardous decomposition of product may be oxides of carbon.

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 unlikely to accumulate in waterways and will not accumulate in the environment. The impact on some organisms has 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

Not Regulated.

15. REGULATORY INFORMATION

ILO:	Xi (Irritant)
WHMIS	Irritant
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 S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

HMIS	Health	NFPA
2	2	2
1	1	1
0	Reactivity/Instability	0
B	PPE	

16. OTHER INFORMATION

Restrictions on use: Ready to use after label dilution. 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.

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)

This is a revised Safety Data Sheet.

Product listed as harmful by USA, DSL, EINECS, AICS, ECL, EICS, ENCS, PICCS: Dipropylene glycol monomethyl ether, Potassium hydroxide.

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