

S.C.A.N. Conditioner and Neutralizer
SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name	S.C.A.N. Conditioner & Neutralizer
Product code	6792
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Drycleaning solvent conditioner and neutralizer
Uses advised against	None known.

1.3 Details of the supplier of the Safety Data Sheet

Company Identification	Fabritec International 8145 Holton Drive Suite 110 Florence, KY (Kentucky) 41042 USA.
Telephone	1-859-781-8200
Fax	1-859-781-8280
E-Mail (competent person)	Chemtrec@Chemtrec.com

1.4 Emergency telephone number

Emergency Phone No.	CHEMTREC assistance: 1-703-741-5500 (USA)
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2. SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture****2.1.1 Regulation (EC) No. 1272/2008 (CLP)**

Acute toxicity, Oral (category 4), H302; harmful if swallowed.
Acute toxicity, Inhalation (category 2), H330; Fatal if inhaled.
Serious eye damage (category 1), H318; Causes serious eye damage. Acute aquatic toxicity (category 1), H400; Very toxic to aquatic life. Chronic aquatic toxicity (category 2), H411;
Toxic to aquatic life with long lasting effects.

2.1.2 Directive 67/548/EEC & Directive 1999/45/EC

C; Causes burns.
Xi; May cause sensitization by skin contact.
Xn; Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful: may cause lung damage if swallowed.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Product Name	According to Regulation (EC) No. 1272/2008 (CLP)
Hazard Pictogram	S.C.A.N. Conditioner & Neutralizer



GHS05



GHS09



GHS06

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Signal word(s)	Danger.
Hazard statement(s)	H302: Harmful if swallowed. H318: Causes serious eye damage. H330: Fatal if inhaled. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P260: Do not breathe mist/vapours/spray. P264: Wash skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/eye protection/face protection. P284: Wear respiratory protection. P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician. P320: Specific treatment is urgent (see supplemental first aid instructions on label). P330: Rinse mouth. P391: Collect spillage. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.
2.3 Other hazards	None.
2.4 Additional Information	None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Cupric Hydroxide	0.5-1.0	20427-59-2	243-815-9	None assigned	Acute Tox. 4 oral; Acute Tox. 2 inhalation; Eye Dam. 1; Aquatic Acute 1; Aquatic Chronic 2; H302, H318, H330, H400, H411
Citric acid	0.5-2.0	77-92-9	201-069-1	None assigned	Eye Dam. 2
Tetra Potassium Pyrophosphate	8-10	7320-34-5	230-785-7	None assigned	Eye Dam. 1; C. H302, H318

3.2 Additional Information

For full text of H/P phrases see section 16.

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4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
Skin Contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes burns.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media	Use water spray, foam, dry powder or CO2 to extinguish.
Unsuitable Extinguishing Media	None known.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Sulphur, Oxides of carbon.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and eyes. Wear suitable eye/face protection.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Do not breathe vapour. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up.

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Storage Temperature	Ambient.
Storage Life	Stable under normal conditions.
Incompatible materials	None known.
7.3 Specific end use(s)	Drycleaning solvent conditioner and neutralizer

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Copper dihydroxide	20427-59-2		1			WEL

WEL: Workplace Exposure Limit (UK HSE EH40)

8.1.2 Biological limit value

Not established.

8.1.3 PNECs and DNELs

Not established.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2 Personal protection equipment

Eye/face protection



Wear eye protection with side protection (EN166).

Skin protection (Hand protection/ Other)



Wear impervious gloves (EN374).

Respiratory protection



A suitable mask with filter type A (EN14387 or EN405) may be appropriate.

Thermal hazards

Not applicable.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Blue.
Odour	None.
Odour Threshold	Not established.
pH	10 @ 20°C
Melting Point/Freezing Point	Not available.
Initial boiling point and boiling range	>180°C
Flash point	None.
Evaporation rate	Not available.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.

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Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Density	1.2 @ 20°C
Solubility(ies)	Miscible with water.
Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	
Solvent content	90%

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Avoid contact with strong acids.
10.4 Conditions to avoid	None known.
10.5 Incompatible materials	Strong acids.
10.6 Hazardous Decomposition Product(s)	Oxides of carbon and phosphorous.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity	Copper Hydroxide LD50 - Human - 200mg/kg LC50 Inhalation – rat – male and female – 4h – 0.451 mg/l (OECD Test Guideline 403) LC50 Inhalation – rat – male and female – 4h – 0.56 mg/l LD50 Dermal – rabbit - >3,160 mg/kg LD50 Dermal – rat - >2,000 mg/kg (OECD Test Guideline 402) no data available
Skin corrosion/irritation	
Serious eye damage/eye irritation	Eyes – rabbit. Result: Risk of serious damage to eyes. (OECD Test Guidelines 405)
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration hazard	No data available

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Additional information

RTECS: GL7600000

Symptoms of systemic copper poisoning may include: capillary damage, headache, cold sweat, weak pulse, and kidney and liver damage, central nervous system excitation followed by depression, jaundice, convulsions, paralysis, and coma. Death may occur from shock or renal failure. Chronic copper poisoning is typified by hepatic cirrhosis, brain damage and demyelination, kidney defects, and copper deposition in the cornea as exemplified by humans with Wilson's disease. It has been reported that copper poisoning has lead to hemolytic anemia and accelerates arteriosclerosis.

Stomach - Irregularities – Based on Human Evidence
None.

11.2 Other information

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Aquatic Chronic 2; Harmful to aquatic life with long lasting effects for copper content.
12.2	Persistence and degradability	No data
12.3	Bioaccumulative potential	No data
12.4	Mobility in soil	No data
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose at suitable refuse site.
13.2	Additional Information	Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1	UN number	Not applicable.
14.2	UN Proper Shipping Name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing Group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations	
	Authorisations and/or restrictions on use	
	Candidate List of Substances of Very High Concern for Authorisation	All chemicals are not listed.
	REACH: ANNEX XIV List of substances subject to authorisation	All chemicals are not listed.
	REACH: ANNEX XVII Restrictions on the	All chemicals are not listed.

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manufacture, placing on the market and use of
certain dangerous substances, mixtures and articles
Community Rolling Action Plan (CoRAP); All chemicals are not listed.
Draft 04/11/2013

15.1.2 National regulations	None known.
15.2 Chemical Safety Assessment	Not available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative
Acute Tox. 4	Acute toxicity Category 4
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Respiratory or skin sensitization Category 1
STOT RE 1	Specific target organ toxicity — repeated exposure Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment Category 3
C	Corrosive
Xi	Irritant
Xn	Harmful

Risk Phrases

R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Hazard statement(s) and Precautionary Statement(s)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P310	Immediately call a POISON CENTER/doctor.
P363	Wash contaminated clothing before reuse.

S.C.A.N. Conditioner and Neutralizer

Hazard pictogram(s) and Hazard Symbol

GHS05



C



GHS06



Xi



GHS09



Xn



T+



Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.