

Safety Data Sheet



Revision Date 04-May-2016
Version 3

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Powdered Cotton Upholstery Cleaner

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

Recommended Use Professional Upholstery Cleaning

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands Europe
Chemspec
22 Plover Close Interchange Park
Newport Pagnell MK16 9PS, UK
+44 (0) 1908 611211

Manufacturer Legend Brands
Chemspec
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

For further information, please contact: msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI): +358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790
Poison Center Nord: +49 551 19240 (24h available English / German)
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland +354 543 2222
Italy Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg 112
Netherlands National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway Poisons Information (NO): + 47 22 591300
Portugal Poison Information Center (PT): +351 21 330 3284
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV): +46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111

2. Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Serious eye damage/eye irritation	Category 1 - (H318)
Carcinogenicity	Category 2 - (H351)
Chronic aquatic toxicity	Category 3 - (H412)

2.2 Label elements

Signal Word
Danger

Hazard Statements

H302 - Harmful if swallowed
H318 - Causes serious eye damage
H351 - Suspected of causing cancer
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear eye protection/ face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P280 - Wear protective gloves/protective clothing/eye protection/face protection

Contains SODIUM METABISULFITE, Trisodium NTA

2.3. Other Hazards

No information available

3. Composition/information on ingredients

3.1 Substances

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification (1272/2008/EC)	REACH Registration Number
SODIUM METABISULFITE	231-673-0	7681-57-4	10 - 25	Acute Tox. 4 (H302) Eye Dam. 1 (H318) (EUH031)	no data available
Trisodium NTA	225-768-6	5064-31-3-LB	10 - 25	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Carc. 2 (H351)	no data available
Alcohols, C6-C12, Ethoxylated, propoxylated	-	68937-66-6	2.5 - 10	no data available	no data available

SILICON DIOXIDE, CHEMICALLY PREPARED	-	112945-52-5	1 - 2.5	no data available	01-2119379499-16-XX XX
Alcohols, C10-C16, ethoxylated, propoxylated	-	69227-22-1	1 - 2.5	Eye Irritant 2 (H319)	no data available
DIPROPYLENE GLYCOL	246-770-3	25265-71-8	< 1	no data available	no data available
POLY(OXY-1,2-ETHANEDIYL), A-HYDRO-O-HYDROXY-	-	25322-68-3	< 0.1	NA	no data available
Benzyl acetate	205-399-7	140-11-4	< 0.1	no data available	no data available
Camphor	200-945-0	76-22-2	< 0.1	no data available	no data available
BENZENE, 1,1'-OXYBIS-	202-981-2	101-84-8	< 0.1	no data available	no data available
2,6-OCTADIENAL, 3,7-DIMETHYL-	226-394-6	5392-40-5	< 0.1	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16

4. First Aid Measures

4.1 Description of first-aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Move to fresh air.
Skin contact	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
Eye contact	Remove contact lenses, if present. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Gently wipe or rinse the inside of the mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media
Water spray, Foam, Dry powder.

Extinguishing media which shall not be used for safety reasons
No information available.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment.

Advice for emergency responders

For personal protection see section 8.

6.2 Environmental precautions

Dike to collect large liquid spills. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

6.4 Reference to other sections

See section 8 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Wear personal protective equipment.

Hygiene measures When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place.

7.3 Specific end uses

Specific use(s)

No information available

Exposure scenario

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure Limit Values

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
SODIUM METABISULFITE 7681-57-4			TWA: 5 mg/m ³	TWA: 5 mg/m ³		TWA: 5 mg/m ³
SILICON DIOXIDE, CHEMICALLY PREPARED 112945-52-5		TWA: 4 mg/m ³				
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3		STEL 4000 mg/m ³ TWA: 1000 mg/m ³				
Benzyl acetate 140-11-4			TWA: 10 ppm TWA: 62 mg/m ³	TWA: 10 ppm TWA: 61 mg/m ³		
Camphor		TWA: 2 ppm	TWA: 2 ppm	TWA: 2 ppm	TWA: 0.3 ppm	TWA: 2 ppm

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76-22-2		TWA: 13 mg/m ³	TWA: 12 mg/m ³ STEL: 3 ppm STEL: 19 mg/m ³	TWA: 12 mg/m ³	TWA: 1.9 mg/m ³ STEL: 0.9 ppm STEL: 5.7 mg/m ³	TWA: 12 mg/m ³
BENZENE, 1,1'-OXYBIS- 101-84-8		TWA: 1 ppm TWA: 7 mg/m ³	TWA: 1 ppm TWA: 7 mg/m ³ STEL: 2 ppm STEL: 14 mg/m ³	TWA: 1 ppm TWA: 7 mg/m ³	TWA: 1 ppm TWA: 7.1 mg/m ³ STEL: 3 ppm STEL: 21 mg/m ³	TWA: 1 ppm TWA: 7 mg/m ³
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	The Netherlands
SODIUM METABISULFITE 7681-57-4		TWA: 5 mg/m ³ Ceiling: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 15 mg/m ³	TWA: 5 mg/m ³		
DIPROPYLENE GLYCOL 25265-71-8	TWA: 100 mg/m ³ Skin					
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3	TWA: 1000 mg/m ³					
Benzyl acetate 140-11-4				TWA: 10 ppm TWA: 61 mg/m ³		
Camphor 76-22-2	TWA: 2 ppm TWA: 13 mg/m ³	TWA: 2 ppm TWA: 12 mg/m ³ Ceiling: 4 ppm Ceiling: 24 mg/m ³	TWA: 2 ppm TWA: 12 mg/m ³ STEL: 3 ppm STEL: 18 mg/m ³	STEL: 3 ppm STEL: 18.7 mg/m ³ TWA: 2 ppm TWA: 12.5 mg/m ³		
BENZENE, 1,1'-OXYBIS- 101-84-8	TWA: 1 ppm TWA: 7.1 mg/m ³	TWA: 1 ppm TWA: 7 mg/m ³ Ceiling: 2 ppm Ceiling: 14 mg/m ³	TWA: 1 ppm TWA: 7 mg/m ³ STEL: 3 ppm STEL: 21 mg/m ³	STEL: 2 ppm STEL: 14 mg/m ³ TWA: 1 ppm TWA: 7 mg/m ³		
2,6-OCTADIENAL, 3,7-DIMETHYL- 5392-40-5				TWA: 5 ppm TWA: 31 mg/m ³		
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	The United Kingdom
SODIUM METABISULFITE 7681-57-4	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³		TWA: 5 mg/m ³	STEL: 15 mg/m ³ TWA: 5 mg/m ³
SILICON DIOXIDE, CHEMICALLY PREPARED 112945-52-5					TWA: 4 mg/m ³	
DIPROPYLENE GLYCOL 25265-71-8					STEL: 280 mg/m ³ TWA: 140 mg/m ³	
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3					TWA: 1000 mg/m ³	
Benzyl acetate 140-11-4		TWA: 10 ppm	TWA: 10 ppm TWA: 62 mg/m ³			
Camphor 76-22-2	TWA: 2 ppm TWA: 12 mg/m ³ STEL: 4 ppm STEL: 18 mg/m ³	STEL: 3 ppm TWA: 2 ppm	STEL: 3 ppm STEL: 19 mg/m ³ TWA: 2 ppm TWA: 13 mg/m ³		TWA: 2 ppm TWA: 13 mg/m ³	STEL: 3 ppm STEL: 19 mg/m ³ TWA: 2 ppm TWA: 13 mg/m ³
BENZENE, 1,1'-OXYBIS- 101-84-8	TWA: 1 ppm TWA: 7 mg/m ³ STEL: 3 ppm STEL: 14 mg/m ³	STEL: 2 ppm TWA: 1 ppm	STEL: 2 ppm STEL: 14.2 mg/m ³ TWA: 1 ppm TWA: 7.1 mg/m ³		STEL: 1 ppm STEL: 7 mg/m ³ TWA: 1 ppm TWA: 7 mg/m ³	STEL: 3 ppm STEL: 21.3 mg/m ³ TWA: 1 ppm TWA: 7.1 mg/m ³
2,6-OCTADIENAL, 3,7-DIMETHYL- 5392-40-5			S* TWA: 5 ppm			

TWA: Time weighted average
 STEL: Short term exposure limit
 LLV: Exposure Limit Values
 STV: Short Term Value

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye/Face Protection	Safety glasses with side-shields.
Hand Protection	Chemical resistant gloves.
Skin and body protection	Long sleeved clothing.
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures	When using, do not eat, drink or smoke.
Environmental Exposure Controls	No information available.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	White
Odor	Fresh
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	6.3	(as 1% solution)
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility	Readily miscible	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content	~1%
Bulk Density	No Data Available

10. Stability and Reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to Avoid

Direct sources of heat.

10.5 Incompatible Materials

Strong oxidizing agents

10.6 Hazardous Decomposition Products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information

The product itself has not been tested.

Inhalation	There are no data available for this product.
Eye contact	There are no data available for this product.
Skin contact	There are no data available for this product.
Ingestion	There are no data available for this product.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	1,754.00 mg/kg
ATEmix (dermal)	42,970.00 mg/kg mg/l

Unknown Acute Toxicity

- 1.43148% of the mixture consists of ingredient(s) of unknown toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 1.43148 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 1.02 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 1.43148 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SODIUM METABISULFITE	1310 mg/kg (Rat)		
Trisodium NTA	920 mg/kg (Rat)		> 5 mg/L (Rat) 4 h

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	European Union
Trisodium NTA	Carc. 2

Reproductive toxicity	No information available.
Specific target organ systemic toxicity (single exposure)	No information available.
Specific target organ systemic toxicity (repeated exposure)	No information available.
Target Organs	Eyes. Respiratory system. Skin.
Aspiration hazard	No information available.

12. Ecological information

12.1 Toxicity

7.03614 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

No information available

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
SODIUM METABISULFITE	EC50: 72 h <i>Desmodesmus subspicatus</i> 48 mg/L EC50: 96 h <i>Desmodesmus subspicatus</i> 40 mg/L	LC50: 96 h <i>Lepomis macrochirus</i> 32 mg/L static	
Trisodium NTA		LC50: 96 h <i>Pimephales promelas</i> 93 - 170 mg/L flow-through LC50: 96 h <i>Lepomis macrochirus</i> 175 - 225 mg/L static LC50: 96 h <i>Lepomis macrochirus</i> 252 mg/L LC50: 96 h <i>Pimephales promelas</i> 470 mg/L static LC50: 96 h <i>Oryzias latipes</i> 560 - 1000 mg/L LC50: 96 h <i>Oryzias latipes</i> 560 - 1000 mg/L semi-static LC50: 96 h <i>Oncorhynchus mykiss</i> 72 - 133 mg/L static LC50: 96 h <i>Poecilia reticulata</i> 560 - 1000 mg/L semi-static LC50: 96 h <i>Poecilia reticulata</i> 560 - 1000 mg/L LC50: 96 h <i>Pimephales promelas</i> 114 mg/L	LC50: 48 h <i>Daphnia magna</i> 560 - 1000 mg/L
BENZENE, 1,1'-OXYBIS-		LC50: 96 h <i>Pimephales promelas</i> 4 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 4 - 7.9 mg/L static	LC50: 48 h <i>Daphnia magna</i> 0.11 - 1.1 mg/L
2,6-OCTADIENAL, 3,7-DIMETHYL-	EC50: 72 h <i>Desmodesmus subspicatus</i> 16 mg/L EC50: 96 h <i>Desmodesmus subspicatus</i> 19 mg/L		EC50: 48 h <i>Daphnia magna</i> 7 mg/L

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

Chemical Name	log Pow
SODIUM METABISULFITE	-3.7
Benzyl acetate	1.96
BENZENE, 1,1'-OXYBIS-	4.24
2,6-OCTADIENAL, 3,7-DIMETHYL-	2.76

12.4 Mobility in soil

Mobility in soil

No information available.

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

No information available.

13. Disposal Considerations

13.1 Waste treatment methods

Waste from residues / unused products

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other information

According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

14. Transport Information

ADR

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IMDG

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code	No information available

IATA

14.1 UN	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Germany

Chemical Name	French RG number	Title
SODIUM METABISULFITE 7681-57-4	RG 66	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies
NZIoC	Complies

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 Chemical Safety Assessment

No information available

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

H351 - Suspected of causing cancer if inhaled

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

EUH031 - Contact with acids liberates toxic gas

Prepared By Chemspec Regulatory Affairs/Product Safety

Revision Date 04-May-2016

Revision Note Not Applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet