#### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 05.12.2016 Version number 4 Revision: 05.12.2016 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: CROMADEX SUPER BUILD GREY PRIMER 500 ML • Article number: AC000018 · 1.2 Relevant identified uses of the substance or mixture and uses advised against · Sector of Use SU21 Consumer uses: Private households / general public / consumers SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen) · Product category PC9a Coatings and paints, thinners, paint removers · Process category **PROC7** Industrial spraying **PROC11** Non industrial spraying · Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) · Application of the substance / the mixture Lacquer  $\cdot$  1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: Cromadex Unit 5 Redwood Business Park Oldbury Road Smethwick West Midlands B66 1NG Tel +44(0) 121 555 1500 Fax +44(0) 121 555 6708 Email: cromadex\_marketing@cromadex.com · Further information obtainable from: Department Product Safety • 1.4 Emergency telephone number: Tel: +44(0)121 555 1500 (08.00 / 17.00) SECTION 2: Hazards identification · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 GHS02 flame Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. GHS07 H319 Eye Irrit. 2 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Aquatic Chronic 3 H412 · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. (Contd. on page 2)

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Hazard p	ictograms
$\wedge$	$\wedge$
$\mathbf{\mathbf{\forall}}$	
GHS02	GHS07
011502	
Signal w	ord Danger
Hazard-a	letermining components of labelling:
acetone	
n-butyl a	cetate
butan-1-e	pl
propan-2	-ol
Hazard s	tatements
H222-H2	29 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
Precautio	onary statements
P102	Keep out of reach of children.
P260	Do not breathe spray.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P251	Do not pierce or burn, even after use.
P211	Do not spray on an open flame or other ignition source.
P410+P4	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local regulations.
Addition	al information:
	Repeated exposure may cause skin dryness or cracking.

· 2.3 Other hazards

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- · Results of PBT and vPvB assessment
- · *PBT:* Not applicable.
- · **vPvB**: Not applicable.

# SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49-xxxx	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	20-25%
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether	12.5-20%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29-xxxx	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	12.5-20%
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CAS: 74-98-6	propane	ntd. of page 5-10%
EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21-xxxx	♦ Flam. Gas 1, H220 Press. Gas C, H280	
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32-xxxx	butane Tiam. Gas 1, H220 Press. Gas C, H280	5-10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27-xxxx	isobutane The second s	5-10%
CAS: 9004-70-0	nitrocellulose solutions, with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose Flam. Sol. 1, H228	2.5-5%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	2.5-5%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38-xxxx	<ul> <li>butan-1-ol</li> <li>Flam. Liq. 3, H226</li> <li>Eye Dam. 1, H318</li> <li>Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335- H336</li> </ul>	1-2.5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	1-2.5%
CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40-xxxx	trizinc bis(orthophosphate) � Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-1%

#### **SECTION 4: First aid measures**

• 4.1 Description of first aid measures

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

#### **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.

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#### Trade name: CROMADEX SUPER BUILD GREY PRIMER 500 ML

· 5.3 Advice for firefighters

· Protective equipment: No special measures required.

#### **SECTION 6:** Accidental release measures

 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from ignition sources.
 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

• 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation.

6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

#### **SECTION 7: Handling and storage**

• 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

• *Information about fire - and explosion protection:* Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

• Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Protect from heat and direct sunlight.

• 7.3 Specific end use(s) No further relevant information available.

#### SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone

WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

115-10-6 dimethyl ether

WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppm Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

#### 123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm

Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

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106-97-8 butane	
WEL Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm	
Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm	
Carc (if more than 0.1% of buta-1.3-diene)	
108-65-6 2-methoxy-1-methylethyl acetate	
WEL Short-term value: 548 mg/m <sup>3</sup> , 100 ppm	
Long-term value: 274 mg/m <sup>3</sup> , 50 ppm	
Sk	
71-36-3 butan-1-ol	
WEL Short-term value: 154 mg/m <sup>3</sup> , 50 ppm	
Sk	
67-63-0 propan-2-ol	
WEL Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm	
Long-term value: 999 mg/m <sup>3</sup> , 400 ppm	
Additional information: The lists valid during the making were used as ba	isis.
8.2 Exposure controls	
Personal protective equipment:	
General protective and hygienic measures:	
Keep away from foodstuffs, beverages and feed.	
Immediately remove all soiled and contaminated clothing	
Wash hands before breaks and at the end of work.	
Do not inhale gases / fumes / aerosols.	
Avoid contact with the eyes.	
Avoid contact with the eyes and skin.	
<b>Respiratory protection:</b> Not required.	
<b>Protection of hands:</b> Not required.	
Protection of hands: Not required. Material of gloves Not required.	
<b>Protection of hands:</b> Not required. <b>Material of gloves</b> Not required. <b>Penetration time of glove material</b> Not required.	



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Tightly sealed goggles

# SECTION 9: Physical and chemical properties

General Information		
Appearance:		
Form:	Aerosol	
Colour:	Different according to colouring	
Odour:	Solvent-like	
Odour threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	Not applicable, as aerosol.	
Flash point:	<0 °C (<32 °F)	
-	Not applicable, as aerosol.	
Flammability (solid, gaseous):	Not applicable.	

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Ignition temperature:	240 °C (464 °F)
Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	<i>Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</i>
· Explosion limits:	
Lower:	1.2 Vol %
Upper:	26.2 Vol %
· Vapour pressure at 20 °C (68 °F):	4000 hPa (3000 mm Hg)
• Density at 20 •C (68 •F):	0.788 g/cm <sup>3</sup> (6.576 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wate	r): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	83.0 %
· EU-VOC:	656.0 g/l
• EU-VOC in %:	83.03 %
· Water:	0.3 %
· Solids content:	12.2 %
· 9.2 Other information	No further relevant information available.

#### SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

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• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- $\cdot$  10.4 Conditions to avoid No further relevant information available.
- $\cdot$  10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:	
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Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit) 39 mg/m3 (rat)
Inhalative	LC50 / 4 h	39 mg/m3 (rat)

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	-	er 208
100 04 4		308 mg/m3 (rat)
	-butyl aceta	
	LD50	10770 mg/kg (rat)
	LD50	>17600 mg/kg (rabbit)
		>21.0 mg/m3 (rat)
106-97-8 bi		
		658000 mg/m3 (rat)
		-methylethyl acetate
	LD50	8532 mg/kg (rat)
	LD50	>5000 mg/kg (rabbit)
		35.7 mg/m3 (rat)
71-36-3 but		
	LD50	2292 mg/kg (rat)
	LD50	3430 mg/kg (rabbit)
		17.76 mg/m3 (rat)
67-63-0 pro		
	LD50	5045 mg/kg (rat)
	LD50	12800 mg/kg (rabbit)
		30 mg/m3 (rat)
		orthophosphate)
Oral	LD50	522 mg/kg (mouse)
		>5000 mg/kg (rat)
Skin corros Serious eye Causes seri Respiratory	sion/irritati e damage/ir ious eye irri y or skin se	<b>on</b> Based on available data, the classification criteria are not met. <b>ritation</b> itation. <b>nsitisation</b> Based on available data, the classification criteria are not met.
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EC50 / 96 h	320 mg/l (algae)	
LC50 / 24 h	205 mg/l (daphnia magna)	
LC50 / 96 h	18 mg/l (Pimephales promelas)	
108-65-6 2-methoxy-1-	methylethyl acetate	
EC50	408 mg/l (daphnia magna)	
71-36-3 butan-1-ol		
EC50 / 48 h	1328 mg/l (daphnia magna)	
EC50 / 72 h	8500 mg/l (algae)	
LC50 / 96 h	1376 mg/l (Pimephales promelas)	
67-63-0 propan-2-ol		
EC50 / 48 h	13299 mg/l (daphnia magna)	
LC50/96 h (dynamic)	4200 mg/l (fish)	
7779-90-0 trizinc bis(o	rthophosphate)	
EC50 / 48 h	0.04 mg/l (daphnia magna)	
EC50 / 72 h	0.136 mg/l (algae)	
LC50/96 h	0.14 mg/l (fish)	
· 12.2 Persistence and d	egradability No further relevant information available.	

· 12.3 Bioaccumulative potential No further relevant information available.

- · 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· 12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

• 12.6 Other adverse effects No further relevant information available.

#### **SECTION 13: Disposal considerations**

#### · 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

15 01 04 metallic packaging

· Uncleaned packaging:

• Recommendation: Non contaminated packagings may be recycled.

- SECTION 14: Transport information
- · 14.1 UN-Number · ADR, IMDG, IATA

UN1950

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	(Contd. of page
14.2 UN proper shipping name	
ADR	1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
V	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class	2.1
Label	2.1
14.4 Packing group	
ADR, IMDĞ, IATA	Void
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Gases.
Danger code (Kemler):	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litra
	Category A. For AEROSOLS with a maximum capacity of 1 litr Category A. For AEROSOLS with a capacity above 1 litr
	Category B. For WASTE AEROSOLS: Category C, Clear
	of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litro
	Segregation as for class 9. Stow "separated from" class 1
	except for division 1.4. For AEROSOLS with a capacity
	above 1 litre: Segregation as for the appropriate
	subdivision of class 2. For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class 2.
14.7 Transport in bulk according to Annex Marpol and the IBC Code	: <b>II of</b> Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities $(EQ)$	Code: E0
· · ~	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
	1L
Limited quantities (LQ)	
	Code: E0 Not permitted as Excepted Quantity

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· UN "Model Regulation":

UN 1950 AEROSOLS. 2.1

#### **SECTION 15: Regulatory information**

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

#### · Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P3a FLAMMABLE AEROSOLS

• Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t

- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 30
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H228 Flammable solid. H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. · Department issuing SDS: R&D legislation and regulatory advisor · Contact: QHSE Department · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1: Flammable gases - Category 1 Aerosol 1: Aerosols - Category 1 Press. Gas C: Gases under pressure - Compressed gas Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Flam. Sol. 1: Flammable solids - Category 1 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 (Contd. on page 11) Page 11/11

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STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • \* Data compared to the previous version altered. (Contd. of page 10)

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