



**Material Safety Data Sheet according to the Regulat.  
 1907/2006/EC(Annex II)**

Revision date: 11.2008

Date: 7. December 2009

**1. Product details:**

<b>1.1 Recommended use:</b>	<b>Detergent "Omni Green" for printing inks</b>
<b>1.2 Identification of the manufacturer / supplier</b>	Customs-tariff-no. 2909 4980
B. GRAUEL GmbH	
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Product safety:	Phone: +49 30 34 99 37 – 16
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**2. Hazards possibilities**

**Main hazards:**

According to EG directives this product is not classified as dangerous. „Omni Green“ is considered to be relatively unarmful for man and environment.

**3. Composition / information on ingredients**

**Chemical characterisation:**

blend of solvents and natural dyes (chlorophyll)

**Hazardous components (in case of pure materials)**

<b>EINECS-Nr.</b>	<b>Bezeichnung</b>	<b>Kennb.</b>	<b>Geh.-%</b>
<b>CAS-Nr.</b>	<b>R-Sätze</b>		

preparation does not contain dangerous components according to directive 67/548/EG

**4. First aid measures**

**After inhalation:** Fresh air, rest, seek medical advice when symptoms continue.  
**After eye contact:** Flush eyes immediately with plenty of water as long as possible. Keep eyelids from eyeballs to ensure careful cleaning.  
**After skin contact:** Wash thoroughly with water and soap  
**After ingestion:** Do not induce vomiting, seek medical advice immediately

**5. Fire fighting measures**

<b>Extinguishing media</b>	Carbon dioxide, powder, foam (alcohol resistant)
<b>Extinguishing media to avoid</b>	Powerful water jet
<b>Unusual fire and explosion hazards</b>	Unknown
<b>Hazardous combusting products</b>	Carbon monoxide
<b>Special fire fighting procedures</b>	Wear breathing apparatus that is not depending on surrounding air

**6. Accidental release measures**

<b>Personal precautions</b>	Wear suitable (PVC) gloves
<b>Environmental precautions</b>	Collect as much product as possible and store in a clean container for re-use or as waste deposit
<b>Methods of cleaning up</b>	Absorb with absorbing materials and put in drums



## 7. Handling and storage

<b>Safe handling precautions</b>	Good ventilation
<b>Technical precautions</b>	Take normal precautions for working with cleaning agents
<b>Safe storage</b>	Keep drum tightly closed
<b>Packing material</b>	Polyethylene

## 8. Exposure controls / personal protection

<b>Technical measures</b>	Non specific precautions
<b>Hygienic precautions</b>	do not eat, drink or smoke during work
<b>Exposure limit(s)</b>	MAC VALUE: 300 mg/m <sup>3</sup> , 50ml/m <sup>3</sup>
<b>Personal protection</b>	
- Respiratory	Provide sufficient ventilation
- Hands	Wear suitable (PVC) gloves
- Eyes	Wear safety goggles
- Skin	Avoid skin contact

## 9. Physical and chemical properties

<b>Form:</b>	liquid
<b>Colour:</b>	light green
<b>Odour:</b>	Neutral

	<u>Value</u>	<u>Unit</u>	<u>Method</u>
Boiling point	184	°C	
PH	Neutral		
Viscosity	Unknown		
Melting point	- 83	°C	
Vapour pressure	0,75	mbar at 25°C	
Vapour density	5,14		
Relative density	0,975	g/ml	
Flash point	79	°C	
Auto flammability	270	°C	
Explosion limits %			
- lower	1,1	(100°C)	
- upper	14,0	(150°C)	
Oxidizing properties	None		
Solubility			
- in water	Complete		

## 10. Stability and reactivity

<b>Stability</b>	Stable
<b>Conditions to avoid</b>	Lightly oxidizing materials
<b>Materials to avoid</b>	Undergrounds that are affected by solvents; if in doubt first try at a less visible place.
<b>Hazardous decomposition</b>	Unknown

## 11. Toxicological information

<b>Direct toxicity</b>	„Omni Green“ in itself is not toxicologically investigated
- respiration	None
- skin contact	Can have a degreasing effect
- eye contact	Can cause redness and irritation
- Ingestion	Can cause sickness
<b>Other information</b>	None



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**12. Ecological information**

**Ecotoxic effects** „Omni Green“ is fully biodegradable  
**Further information** –

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**13. Disposal considerations****Disposal of residue / unused products**

Absorb residue with an absorption product thoroughly and store in closed containers.  
Transport according to local legislation. Little quantities may be disposed with household refuse, after contact with local authorities

**Polluted packing**

Completely empty packing. Can be offered for recycling, reconditioning or destruction.

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**14. Transport information**

Un-Nr.	Not classified
ADR/RID	
- class	--
- number	--
IMO/IDG class	--
ICAO/IATA class	--

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**15. Regulatory information**

Chemical identification	Remover of ink, glue and adhesives, paint remains and graffiti
Annex 1 numbering	Not classified
Classification based on:	Calculation method
Symbol(s)	none
Risk phrases	none
Safety phrases	S24 avoid skin contact

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**16. Other information**

The data mentioned in the present safety data sheet correspond to our latest knowledge and experience and may be used to precise safety requirements for the different products. The information given therein is no warranty as to quality.