



# SAFETY DATA SHEET

## Section 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Trade name or designation of the mixture** VOLSHEET DPC

**Registration number** -

**Synonyms** None.

**Date of first issue** 14-November-2011

**Version number** 01

**Revision date** -

**Supersedes date** -

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

**Identified uses** Not available.

**Uses advised against** None known.

### Details of the supplier of the safety data sheet

#### Supplier

**Company name** CETCO EUROPE  
**Address** Birch House, Scotts Quays  
Birkenhead, Merseyside CH41 1FB  
England  
GB

**Telephone** General Information +44 (151) 606-5900

**e-mail** safetydata@amcol.com

**Contact person** EHS Department

**Emergency telephone number** Emergency +1 (703) 527-3887

## Section 2: Hazards identification

### Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

### Hazard summary

**Physical hazards** Not classified for physical hazards.

**Health hazards** Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.

**Environmental hazards** Not classified for hazards to the environment.

**Specific hazards** No hazards resulting from the material as supplied.

**Main symptoms** Not available.

### Label elements

#### Label according to Directive 67/548/EEC or 1999/45/EC as amended

**EC label** The product does not need to be labelled in accordance with EC directives or respective national laws.

**Supplemental label information** Not applicable.

**Other hazards** Not assigned.

## Section 3: Composition/information on ingredients

### Mixture

The components are not hazardous or are below required disclosure limits.

**Composition comments** Not available.

## Section 4: First aid measures

**General information** If you feel unwell, seek medical advice (show the label where possible).

### Description of first aid measures

**Inhalation** If symptoms are experienced, remove source of contamination or move victim to fresh air. Get medical attention if symptoms persist.

**Skin contact** Rinse with water. Get medical attention if irritation develops or persists.

**Eye contact** Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.

**Ingestion** No need for first aid is anticipated if material is swallowed. Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.

**Most important symptoms and effects, both acute and delayed** Not available.

**Indication of any immediate medical attention and special treatment needed** Not available.

## Section 5: Firefighting measures

**General fire hazards** Not available.

### Extinguishing media

**Suitable extinguishing media** Water. Dry chemical. Do not use water.

**Unsuitable extinguishing media** None known.

**Special hazards arising from the substance or mixture** Not available.

### Advice for firefighters

**Special protective equipment for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Special firefighting procedures** In the event of fire, cool tanks with water spray.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Not available.

**For emergency responders** Not available.

**Environmental precautions** No special environmental precautions required.

**Methods and material for containment and cleaning up** The product is immiscible with water and will spread on the water surface. Sweep up or gather material and place in appropriate container for disposal. Following product recovery, flush area with water. Containment of this material should not be necessary.

**Reference to other sections** For personal protection, see section 8. For waste disposal, see section 13.

## Section 7: Handling and storage

**Precautions for safe handling** Keep away from heat and flame.

**Conditions for safe storage, including any incompatibilities** Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight.

**Specific end use(s)** Not available.

## Section 8: Exposure controls/personal protection

### Control parameters

### Occupational exposure limits

**United Kingdom**  
No exposure limits noted for the ingredient(s).

**EU, 91/322/EEC, 2000/39/EC, 2006/15/EC**  
No exposure limits noted for the ingredient(s).

## Biological limit values

**EU, 91/322/EEC, 2000/39/EC, 2006/15/EC**

No biological exposure limits noted for the ingredient(s).

### United Kingdom

No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**DNEL** Not available.

**PNEC** Not available.

## Exposure controls

**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

## Individual protection measures, such as personal protective equipment

**General information** Not normally needed.

**Eye/face protection** Wear safety glasses with side shields.

### Skin protection

- **Hand protection** Not normally needed.

- **Other** Normal work clothing (long sleeved shirts and long pants) is recommended. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Respiratory protection** No personal respiratory protective equipment normally required.

**Thermal hazards** Not available.

**Hygiene measures** Use good industrial hygiene practices in handling this material.

**Environmental exposure controls** Not available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Solid.
<b>Form</b>	Solid. Mat
<b>Colour</b>	Various.
<b>Odour</b>	None.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not available.
<b>Flash point</b>	Not applicable.
<b>Auto-ignition temperature</b>	850 °C (1562 °F) estimated
<b>Flammability (solid, gas)</b>	Not available.
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Oxidising properties</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Explosive limit</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Insoluble

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Bulk density</b>	Not applicable.
<b>Pour point</b>	Not applicable.
<b>Viscosity</b>	Not available.
<b>Viscosity temperature</b>	Not available.
<b>VOC (Weight %)</b>	0 % estimated
<b>Other information</b>	No relevant additional information available.

## Section 10: Stability and reactivity

<b>Reactivity</b>	None known.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	Avoid temperatures above 320°F (160°C).
<b>Incompatible materials</b>	Chlorine. Strong acids. Strong oxidizing agents.
<b>Hazardous decomposition products</b>	At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

## Section 11: Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Not available.
<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.
<b>Symptoms</b>	Not available.
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Not available.
<b>Respiratory sensitisation</b>	Not available.
<b>Skin sensitisation</b>	Not available.
<b>Germ cell mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not available.
<b>Specific target organ toxicity - repeated exposure</b>	Not available.
<b>Aspiration hazard</b>	Not available.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	This product has no known adverse effect on human health.

## Section 12: Ecological information

<b>Toxicity</b>	No toxicity data noted for the ingredient(s).
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility</b>	Not available.

<b>Environmental fate - Partition coefficient</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not available.
<b>Other adverse effects</b>	Not available.

### Section 13: Disposal considerations

#### Waste treatment methods

<b>Residual waste</b>	Not available.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	Not available.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations.

### Section 14: Transport information

#### ADR

Not regulated as dangerous goods.

#### RID

Not regulated as dangerous goods.

#### ADN

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available.

### Section 15: Regulatory information

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

##### EU Regulations

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V**

Not listed.

**Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER)**

Not listed.

**Regulation (EC) No. 1907/2006, Article 59(1). Candidate List**

Not listed.

#### Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product does not need to be labelled in accordance with EC directives or respective national laws.

#### National regulations

Not available.

#### Chemical safety assessment

No Chemical Safety Assessment has been carried out.

### Section 16: Other information

#### List of abbreviations

Not available.

<b>References</b>	Not available.
<b>Information on evaluation method leading to the classification of mixture</b>	Not available.
<b>Wording of the R-phrases in sections 2 and 3</b>	None.
<b>Revision information</b>	IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING Section 1: Hazardous ingredients Physical & Chemical Properties: Multiple Properties
<b>Training information</b>	Not available.
<b>Issued by</b>	EHS Department
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