

MATERIAL SAFETY DATA SHEET

Prepared to Commission Directive 1907/2006 (REACH)

Data sheet No.: MSDS0083UK; Issue 2; Date: 16.02.2010

1. PRODUCT IDENTIFICATION

Generic material: Smoke Fluid Mixture.

Manufacturer / Supplier information

Product Name: Testifire TS3 Smoke Capsule

Part Number: Testifire TS3-XXX (xxx denotes product variant)

Manufacturer: No Climb Products Ltd, Edison House, 163 Dixons Hill Road, Welham Green
Hertfordshire, AL9 7JE, UK

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2 HAZARDS IDENTIFICATION

Hazard description: Not applicable.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixture of solvents

Dangerous components: Void

Additional information: For the wording of the listed risk phrases refer to section 16 as applicable.

4 FIRST AID MEASURES

General information: No special measures required.

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.

After swallowing: Do not induce vomiting; call for medical help immediately.

5 FIRE FIGHTING MEASURES

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: No special measures required.

6 ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

Measures for environmental protection: (Applicable to bulk handling of base mixture)

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.

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Additional information: No dangerous substances are released.

7 HANDLING AND STORAGE

Handling:

Information for safe handling: No special measures required.

Information about fire -and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace:

57-55-6 propane-1,2-diol

WEL Long-term value: 474* 10** mg/m³, 150* ppm *total vapour and particulates **particulates

Additional information: The lists valid at this time of review were used as basis.

Personal protective equipment:

The use of PPE (personal protective equipment) is recommended when using this equipment at height. The nature and type of the PPE should be appropriate to the task and the environment.

General protective and hygienic measures: Not required under normal operation

Respiratory protection: Not required under normal operation

Protection of hands: Not required under normal operation

Eye protection: Not required under normal operation

Body protection: Not required under normal operation

9 PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Fluid

Colour: Clear

Odour: Characteristic

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C

Flash point: > 100°C

Ignition temperature: 270°C

Self-igniting: Product is not self igniting.

Danger of explosion: Product does not present an explosion hazard

Vapour pressure at 20°C: 23 hPa

Density at 20°C: 1.05 g/cm³

Solubility in/ Miscibility with water: Fully miscible.

Solvent content: Organic solvents: 69.8 % Water: 20.0 %

10 STABILITY AND REACTIVITY

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

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

11 TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the subsequent information provided to this time.

12 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.

13 DISPOSAL CONSIDERATIONS

Product: Recommendation Smaller quantities (individual capsules) can be disposed of with household waste and in accordance with local regulations.

Recommendation: Disposal must be made according to official regulations.

14 TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)

ADR/RID class: -

Maritime transport IMDG:

IMDG Class: -

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

15 REGULATORY INFORMATION

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

VOC-CH 69.75%

VOC-EU 69.75%

16. OTHER INFORMATION

Revision Status:

- | | |
|---------------------------------------|------------|
| 1. New Material Safety Data Sheet | 27.02.2008 |
| 2. Commission Directive added page 1. | 16.02.2010 |

General:

This MSDS has been prepared in accordance with the Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations, 2005. The information is based on the best knowledge of No Climb Products Ltd. and its advisors and is given in good faith, but we cannot guarantee its accuracy, reliability or completeness and therefore disclaim any liability for loss or damage arising out of use of this data. Since conditions of use are outside the control of the Company and its advisors we disclaim any liability for loss or damage when the product is used for purposes other than it is intended.