

**1. PRODUCT AND COMPANY IDENTIFICATION****Product Name:** Cooling Spray**Product Use:** Cooling Spray**Date of issue :** 22.05.2012**Revision Date :** 10.12.2012**Company Information:** Sudheimer Car Technik Vertriebs GmbH**Address:** Feldstrasse 154, 22880 Wedel, Germany**Information telephone :** +49 (0) 4103 1211 118**Emergency telephone :** +49 (0) 4103 1211 0**E-mail :** info@sct-germany.de**Fax :** +49 (0) 4103 1211 116**2. HAZARDS IDENTIFICATION****Principal Hazards:** Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.**Labelling:** --**Dangerous compounds:** see chapter 3; R-sentence descriptions, see chapter 16.**Additional advices / hints:** Please advise the personal stuff of the a.m. product components.**3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous Ingredients: (in acc. to Dangerous Preparation Directive 1999/45/EC)**

CAS No.	Name	Weight %	Symbols/Risk Phrases
75-28-5	Isobutane	~50	F+; R12
106-97-8	Butane	20~25	F+; R12
74-98-6	Propane	20~25	F+; R12

**4. FIRST AID MEASURES****Ingestion:** Get medical attention immediately. If swallowed, DO NOT INDUCE VOMITING. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.**Eyes:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**Skin:** : Immediately flush skin with plenty of water.

Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** > -10°C

**Flash Point Method:** open-cup test

**Burning Rate:** not determined

**Autoignition Temperature:** >350°C

**Lower Flammable Limit (LFL):** 1.81-5.0%

**Upper Flammable Limit (UFL):** 11.5-27%

**Flammability Classification:** not determined

**Extinguishing Media:** Dry chemical, foam, carbon dioxide., sand . Water may be an ineffective extinguishing medium.

**Firefighting Procedures:** Use water spray to cool fire-exposed containers and as a protective screen. Wear full set of protective equipment including chemical goggles and gloves.

**General Fire Hazards:** This product is combustible at high temperatures. Toxic fumes, gases or vapors may evolve on burning.

**Unusual Fire & Explosion Hazards:** Carbon monoxide and carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

**Containment Procedures:** Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Clean-Up Procedures:** Attempt to reclaim the free product, if this is possible. If molten product spilled, solidify and recover.

**Evacuation Procedures:** Isolate area. Keep unnecessary personnel away.

**Special Instructions:** Avoid inhalation of fumes from molten product. Avoid skin contact with molten resins. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage systems or open water courses.

## 7. HANDLING AND STORAGE

**Storage Procedures:** Keep the container tightly closed and in a cool, well-ventilated place. Store away from strong oxidizers. Do not store this material in open and unlabeled containers.

**Handling Procedures:** Avoid breathing fumes if this product is used at high temperatures. Keep away from potential sources of ignition. Wash hands after handling and before eating.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure Limits:** No ACGIH, NIOSH or OSHA exposure guidelines listed for the product's components.

**Ventilation Procedures:** Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

**Hand Protection:** Chemically resistant gloves with thermal protection when working with melted paraffin.

**Eye Protection:** Wear safety goggles or faceshield when working with melted material.

**Respiratory Protection:** Under normal conditions, respirator is not normally required.

**General:** Use good industrial hygiene practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless to light yellow transparent liquid

**Smell:** Not determined

**Flash Point:** >100°C COC

**Upper Flammable Limit:** Not determined.

<b>Lower Flammable Limit:</b>	Not determined.
<b>Autoignition Point:</b>	>350°C
<b>Vapour Pressure:</b>	Compressed gas
<b>pH:</b>	5.5
<b>Vapor Density(Air=1):</b>	0.7
<b>Specific Gravity (H2O=1):</b>	Not determined
<b>Odour Threshold:</b>	Not determined
<b>Boiling Point:</b>	Not determined.
<b>Water Solubility:</b>	Not determined
<b>Evaporation rate:</b>	Slow

**10. STABILITY AND REACTIVITY**  
**Stability:** Stable  
**Decomposition Temperature:** Not determined  
**Polymerization:** Will not occur.  
**Chemical Incompatibilities:** Strong oxidizing agents, strong acids and strong base  
**Conditions to Avoid (Stability):** Avoid excessive heat and all sources of ignition.  
**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide.

**11. TOXICOLOGICAL INFORMATION**  
**Acute Exposure-** This material is typically inert. Paraffin fumes are a result of overheating product. Fumes are known to be mildly irritating to the nose, throat, and eyes.  
**Dermal Toxicity:** No data available.  
**Inhalation Toxicity:** No data available.  
**Oral:** No data available.  
**Dermal Sensitization:** --  
**Inhalation Sensitization:** --

**Chronic Exposure-**  
**Chronic Toxicity:** No data available.  
**Carcinogenicity** None of this product's components are listed by ACGIH, IARC, NIOSH, NTP or OSHA.  
**Mutagenicity:** No data available.  
**Reproductive Toxicity:** No data available.  
**Teratogenicity:** No data available.  
**Other:** No other health hazards known.

**12. ECOLOGICAL INFORMATION-ENVIRONMENTAL TOXICITY**  
**Freshwater Fish Toxicity:** Not determined.  
**Freshwater Invertebrates Toxicity:** Not determined.  
**Algae Toxicity:** Not determined.  
**Saltwater Fish Toxicity:** Not determined.  
**Saltwater Invertebrates Toxicity:** Not determined.  
**Bacteria Toxicity:** Not determined.  
**Miscellaneous Toxicity:** Not determined.

<b>ENVIRONMENTAL FATE</b> - No information is available on ecotoxicity of this product. Keep product out of sewers and waterways. <b>Bioaccumulation:</b> Not determined.
<b>Soil Mobility:</b> Not determined. <b>WGK / WPC:</b> Not determined.

### 13. DISPOSAL CONSIDERATIONS

**General Product Information** - Product as shipped does not meet the definition or characteristics of a hazardous waste.

**Component Waste Numbers-** No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions:**

Incinerate the material under controlled conditions in an approved incinerator.

### 14. TRANSPORT INFORMATION

**Proper Shipping Name:** Aerosols, Flammable

**Hazard Class:** 2.1

**Identification number:** N/A

**ADR/RID class:** 2.1

**IMDG Class:** IMO 2.1

**ICAO/IATA Class:** 2.1

**Packing Group:** II

**EMS Number:** F-D S-D S-U

**MFAG:** F-D S-D S-U

**UN-Number:** 1950

### 15. REGULATORY INFORMATION

**General Product Information-** All components of this product are listed on the U.S. EPA TSCA Inventory.

**Component Information-** None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

**Other Regulations:**

**General Product Information-** All known (non-proprietary) components of this product are listed on the EINECS inventory of existing chemicals.

## **16. OTHER INFORMATION**

### **Explanations of R-phrases in section 3:**

**R12** - Extremely flammable.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.