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# MATERIAL SAFETY DATA SHEET

RAIDEX GmbH

Product Animal spray marker 200 ml/400 ml Page 1/4

## 1. MANUFACTURER IDENTIFICATION

RAIDEX GmbH

DATE PREPARED: 30.06.98

## 2. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS-No.	Content(%)	GV
Isopropylalcohol	67-63-0	25 - 45	400
Basic Colouring		1	
Binding agent:	68648-76-2	2	
(Aldehydic resin, Dibutylphthalate, resin)			
Propane/Butane	106-97-8	20 - 30	1000

COTRAN

## 3. RISKS

Toxic if swallowed. Extremely flammable liquid gas.

## 4. FIRST AID MEASURES

- SKIN CONTACT: Rinse immediately and thoroughly with plenty of water.
- EYE CONTACT: Rinse immediately and thoroughly with plenty of water. Seek medical advice and show this container or label.
- INGESTION: Do not induce vomiting. Seek medical advice immediately.
- INHALATION: Remove patient to fresh air. If discomfort persists seek medical advice.

## 5. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: < 5° C

Extinguishing media: In case of fire, use powder, foam or carbondioxide.

Risk of fire and explosion: Extremely flammable. Aerosol cans can explode at temperatures exceeding 50° C.

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### 6. MEASURES IN CASE OF SPILLAGE

- Cleaning method: Soak up with vermiculite, dry sand or earth (cat litter) and collect up in a container.

### 7. HANDLING AND STORAGE

- Handling: Keep away from heat, open flames and other sources of ignition. Avoid breathing the fumes. (see directions for use of can)
- Storage: Keep at a temperature not exceeding 40° C. Keep away from sunlight and temperatures exceeding 50° C. After use, do not open forcibly or incinerate. Do not spray on flames or incandescent objects. Store in dry conditions - dampness can cause rust. Keep large quantities in a well-ventilated location.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Name	CAS-No.	GV
Isopropylalcohol	67-63-0	400
Basic Colouring		
Binding agent:	68648-78-2	
(Aldehydic resin, Dibutylphtalate, resin)		
Propane/Butane	106-97-8	1000

Ventilation: Use only in well-ventilated rooms.

Hygiene: Smoking forbidden in the workplace.

### 9. PHYSICO-CHEMICAL PROPERTIES

- Odour: Characteristic
- Solubility: Most covalent solvents
- Miscible with: Partially miscible with water
- Rel. weight of unit volume of vapour: (Air = 1) > 1

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### 15. DETAILS FOR CONTROL

Danger symbol: Fx

Danger notice: R12 Extremely flammable

Safety advice: S2 Keep out of reach of children.

S16 Keep away from sources of ignition.  
- No smoking.

Limitations as to use: According to the provisions of the Ministry of Labour, young persons under 18 years of age are not allowed to work with the substance or be otherwise exposed to it. No special training is necessary, but persons handling the material must be familiar with its hazardous properties and the requisite safety measures.

Chemical waste group: Z: Other waste, hereunder aerosol spray cans.

Chemical waste card: 5.14 Chemical waste from laboratories and test departments.

### 16. OTHER DETAILS

Date prepared: 05.02.1997

The opinions expressed herein are those of qualified experts within RAIDEX GmbH. We believe that the information contained here is current as of the date of this material safety data sheet. Since the use of this product is not within the control of RAIDEX GmbH, it is the user's obligation to determine a safe end use of the this product.