

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077025521

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

077025505 077025513 077025539

**Section 1: Identification****Product Identifier**

Product Name Quickcheck Indicating Spray  
Product Code 10050; 10060; 10070

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

Recommended use Aerosol indicating and marking spray used in dental and other professional industries.

**Details of the supplier of the safety data sheet**

Manufacturer/Supplier Vacalon Company Inc  
12960 Stonecreek Dr Ste C  
Pickerington, OH 43147 USA  
www.vacalon.com • info@vacalon.com  
Telephone (General) 614-577-1945

Patterson Dental  
1205 Henri-Bourassa W  
Montréal, QC H3M 3E6  
Canada  
Telephone (General) 800-240-4604

**Emergency telephone number**

Hazmat Services Inc 800-373-7542 (USA)  
(24 hour) 484-951-2432 (International)

**Section 2: Hazard Identification****Classification of the substance or mixture**

Hazard category

- Flammable aerosol, Category 1, H222
- Gases under pressure - Liquefied gas, H280

**Label elements**

Signal word

- Danger

Pictogram

- GHS02, GHS04

**Hazard statements**

H222

- Extremely flammable aerosol

H280

- Contains gas under pressure: may explode if heated

**Precautionary statements:****Prevention**

P210

- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211

- Do not spray on an open flame or other ignition sources.

P251

- Pressurized container: Do not pierce or burn, even after use.

**Storage**

P410+P412+P403

- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well ventilated place.

**Section 3. Composition/Information on Ingredients****Mixtures**

Chemical characterization • Aerosol

**Hazardous Components**

Chemical Name	Identifiers	%	Classification
Isobutane	CAS: 75-28-5 EC Number: 200-857-2 EU Index: 601-004-00-00	90% to 96%	Flammable Gas 1; H220

**Section 4. First-Aid Measures****Description of first-aid measures**

- Inhalation • Move person to fresh air. If not breathing, give artificial respiration. Seek medical attention if problems persist.
- Skin • No special measures are necessary. In case of skin irritation seek medical attention.
- Eye • Flush eyes with plenty of water and seek medical attention.
- Ingestion • Product does not lend itself to ingestion. Accidental ingestion of small quantities is not expected to cause harm. Seek medical attention if problems persist.

**Most important symptoms and effects, both acute and delayed**

- No data available

**Indication of any immediate medical attention and special treatment needed**

- No data available

**Section 5. Firefighting Measures****Extinguishing media**

Suitable extinguishing media • Water haze or fog, Fire-extinguishing powder, Carbon Dioxide (CO<sub>2</sub>), Foam, Gaseous extinguishing agents

Unsuitable extinguishing media • No data available

**Special hazards arising from the substance or mixture**

Unusual fire and explosion hazard • Contents are under pressure. In case of fire if temperature rise above 50°C (122°F) it may cause bursting because of increased pressure from heating.

**Advice for firefighters**

- In case of fire, Carbon Monoxide (CO) may be released.
- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.
- In case of fire cool surrounding endangered receptacles with water haze or fog.

**Section 6. Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

- Wear a self-contained breathing apparatus and appropriate personal protective equipment (PPE).
- Ensure adequate ventilation to remove vapors, fumes, dust, etc.
- Eliminate all ignition sources

**Environmental precautions**

- Avoid run off to waterways and sewers

**Methods and material for containment and cleaning up**

## Quickcheck Indicating Spray

- Containment/Clean-up measures
- Ensure adequate ventilation and allow to evaporate. Wipe up any residue with absorbent cloth or paper towels.
- Reference to other sections
- No data available

### Section 7. Handling and Storage

#### Precautions for safe handling

- Handling
- Handle and use with care.
  - Keep away from heat and ignition sources.
  - Use only in well ventilated areas.
  - Fumes can combine with air to form explosive mixtures. Fumes are heavier than air, so ensure good ventilation, especially at floor level.

#### Condition for safe storage, including any incompatibilities

- Technical measures and storage conditions
- Keep away from sources of ignition - No Smoking.
  - Contents under pressure: protect from sunlight and do not expose to high temperatures that can increase the risk of bursting.
  - Store in a cool/low-temperature, well ventilated dry place away from heat and ignition sources.
- Information about common storage area
- Store away from oxidizing agents
- Additional storage information
- No data available

### Section 8. Exposure Controls/Personal Protection

#### Control parameters

Occupational Exposure Limit Values

Isobutane (CAS No. 75-28-5)

- REL (USA)
- 1900 mg/m<sup>3</sup>, 800 ppm
- TLV (USA)
- Varies mg/m<sup>3</sup>, 1000 ppm
- EV (Canada)
- 800 ppm

#### Exposure controls

- Engineering measures/controls
- General ventilation should be provided, as necessary, to maintain exposures below REL's or TLV's.
- Personal Protective Equipment
- In case of insufficient ventilation, wear suitable respiratory equipment.
  - Wear safety glasses
  - Wear appropriate gloves
  - Chemical resistant apron or other impervious cloth
  - Wash hands before breaks and at the end of work
- General industrial hygiene considerations
- Do not empty into drains or aquatic environment
- Environmental exposure controls

### Section 9. Physical and Chemical Properties

Appearance/Description	Red, green or white powder dispensed as an aerosol		
Odor	Odorless	Odor Threshold	No data available
pH	No data available	Specific Gravity	< 1
Melting Point/Range	No data available	Boiling Point/Range	-11°C (12.2°F)
Water Solubility	Not miscible or difficult to mix	Viscosity	No data available
Partition coefficient: n-octanol/water	No data available	Decomposition Temperature	No data available

<b>Volatility</b>			
Vapor Pressure	App. 31 psig @ 21°C (70°F) (1600 mm Hg @ 21°C (70°F))	Vapor Density	Approx. 1.7
Evaporation Rate	No data available	Explosive Properties	Product is not explosive. Vapors may form explosive mixtures with air.
<b>Flammability (solid, gas)</b>	Extremely flammable aerosol		
Flash Point	< -18°C (0°F)	UEL	9.5%
Auto-ignition Temperature	No data available	LEL	1.8%

## **Section 10. Stability and Reactivity**

Reactivity	• No data available
Chemical Stability	• Stable at normal temperatures
Possibility of hazardous reactions	• In case of insufficient ventilation can form explosive gas mixture with air.
	• May react violently with oxidizing agents.
Conditions to avoid	• Danger of receptacles bursting when heated.
	• Keep away from heat, sparks and ignition sources.
	• Do not subject to temperatures above 50°C (122°F).
	• Store away from oxidizing agents
Incompatible materials	• No data available
Hazardous decomposition products	• No data available

## **Section 11. Toxicological Information**

### **Information on toxicological effects**

Likely routes of exposure

- Eyes, skin contact, inhalation

### **Acute/potential health effects**

Inhalation

- If allowed to accumulate to concentrations that reduce oxygen below safe breathing levels may cause breathing problems.

Skin

- Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling with possible tissue destruction.

Eyes

- Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, with redness and swelling.

Ingestion

- Not a likely route of exposure. Ingestion of small amounts of material is not expected to cause harm.

### **Sensitizing effects**

- No sensitizing effects are known.

### **Acute toxicity data**

- No data available

### **Delayed and immediate effects as well as chronic effects from short and long term exposure**

- No data available

### **Carcinogenicity**

- IARC, NTP or OSHA identifies no component of this product that is present at levels greater than or equal to 0.1% as a human carcinogen.

## **Section 12. Ecological Information**

Toxicity

- No data available

Persistence and degradability

- No data available

Bioaccumulative potential

- Due to the distribution coefficient an accumulation in organisms is not expected

Mobility in soil

- No data available

Other adverse effects 

- No data available

### **Section 13. Disposal Considerations**

#### **Waste treatment methods**

Recommendation 

- No data available

  
 Contaminated packaging 

- No data available

  
 Other 

- No data available

### **Section 14. Transport Information**

#### **Land Transport (DOT)**

UN number 

- UN1950

  
 UN proper shipping name 

- Aerosols, flammable

  
 Transport hazard classes 

- 2.1

  
 Note 

- Product may ship as "Limited Quantity" following proper DOT regulations. Always consult appropriate department or agency for current regulations.

#### **Marine Transport**

UN number 

- UN1950

  
 UN proper shipping name 

- Aerosols, flammable

  
 Transport hazard classes 

- 2.1

  
 Marine pollutant 

- No

  
 Note 

- Product may ship as "Limited Quantity" following proper marine transport regulations. Always consult appropriate department or agency for current regulations.

#### **Air Transport**

UN/ID number 

- UN1950

  
 UN proper shipping name 

- Aerosols, flammable

  
 Transport hazard classes 

- 2.1

  
 Note 

- Vacalon does not normally ship by air. Consult appropriate department or agency for current regulations.

### **Section 15. Regulatory Information**

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

OSHA Hazardous Communications Standard (29CFR 1910.1200) 

- This product is considered hazardous

  
 SARA Hazard Categories TSCA 

- Acute, Fire, Pressure (sudden release of)
- This product contains materials listed in the TSCA inventory or otherwise complies with TSCA requirements.
- No reportable ingredients
- No reportable ingredients
- This product contains no chemicals known by the state of California to cause cancer or birth defects.

  
 CERCLA  
 US - SARA - Section 313  
 California Prop 65

### **Section 16. Other Information**

Last Revision Date 

- 01/04/2022

  
 Preparation Date 

- 03/01/2015

#### **Disclaimer**

This document has been prepared using data from current manufacturer's SDS's of the component parts of the product and from other sources considered to be technically reliable. This document is not meant to be an all-inclusive document on worldwide hazard communication regulations and shall be used only as a

guide. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment, in addition to complying with all Federal, State, Provincial and Local laws and regulations. The information contained in this SDS is furnished without warranty, expressed or implied, regarding the accuracy or results obtained from the use thereof. Vacalon assumes no legal responsibility for the use or reliance upon the data in this sheet. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information or the misuse of the product.

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