

1. SUBSTANCE/PREPARATION & COMPANY NAME

6438 cleaning product for quartz E-blocks BERGEON 81

Producer / supplier: **BERGEON & CIE** Av. du Technicum 11- CH - 2400 Le Locle
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Emergency Call Center of Toxicology in Zürich : +41 01 251.51.51

2. COMPOSITION/ COMPONENTS

Hazardous substances: **PROPAN – 2 – OL, Alcohol Isopropylique**

CAS number: 67-63-0
CEE number: 200-661-7

Component: No.-index-CE: 603-117-00-0
EINECS number: 200-661-7

3. IDENTIFICATION OF RISKS

Sentence(s)-R: R 11 Easily flammable
R 36 Irritating for the eyes
R 67 Inhalation of vapors may cause drowsiness or
make you feel dizzy



Symbol(s) : F
Easily flammable



Xi - Irritating

200-661-7 CE Label

4. PRECAUTIONS FOR FIRST AID

Sentence(s)-S :

7 – 16 – 24/25 – 26

- S 7 Keep container well closed
- S 16 Keep away from heat & sources of ignition – Do not smoke
- S 24/25 Avoid contact with skin & eyes
- S 26 In case of contact with the eyes, rinse immediately with plenty water and seek medical advice.

5. FIRE FIGHTING PROCEDURES

Bergeon 81 is an easy flammable liquid (flash point = 12°). The vapours may form explosive mixtures in air (within the limits of 2 or 12 % in volume). Aqueous solutions may also easily combust.

Powerful oxidizers may vividly react with the product.

The recommended suitable extinguishers are : special foam for polar liquids, powders, CO2 (carbon dioxide).

Jet of water is usually not recommended as it tends to spread fire.

6. PRECAUTIONS FOR UNCONTROLLED RELEASE

General:

→ Keep individuals away from the waste of liquid and against the wind. Keep out any ignition sources.

Environmental Protection:

→ Prevent contaminations of sewers, stream and ground or water. Contact local authorities if significant leaks cannot be contained. Do not contaminate superficial water.

Spill response:

→ Cover with inorganic absorbent material. The material must be disposed of as hazardous waste.

Other information:

→ Mind the flash fires. Keep away from any ignition sources.

7. HANDLING & STORAGE

Handling:

→ Keep containers tightly closed in cool and well-ventilated area.

→ Keep empty containers away from heat and ignition sources. Vapors may form explosive mixtures in air. Vapors are heavier than air and may be spread on the ground.

Storage:

→ Must be kept into cool and well-ventilated area.

→ Do not store with oxidizers and spontaneously flammable products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VLE : 980 mg/m³, poised exposure. 8 h / 24 h

Respiratory equipment:

Not required except when used in spray.

Skin protection:

Wear suitable protection gloves (latex).

Body protection:

Special protection clothes not required.

Technical measures:

Prevent contact with food and drinks.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	liquid
Color:	none
Odor:	alcoholic
pH value : (at 20°C/68°F)	6 - 8
Fusion point:	- 88.5°C
Boiling temperature:	82.4°C
Auto ignition temperature:	400°C
Flash point:	18°C
Vapor pressure: (at 20°C/68°F)	around 4.4 kPa
Molecular mass:	165.85
Density: (at 20°C/68°F)	0.785 g/cm ³
Solubility in H ₂ O (at 20°C/68°F):	completely miscible
Solubility in grease (=Viscosity):	completely

10. STABILITY & REACTIVITY

→ **Chemical stability:**

Stable

→ **Conditions to avoid:**

Heat, sparks and flames, sources of ignition

→ **Materials to avoid:**

Strong oxidizers, alkaline metals and alkaline-earthly metals may provoke explosions or spread fire

→ **Hazardous decomposition products:**

None

11. TOXICOLOGICAL INFORMATION

Other information:

No foreseeable or known health risk in normal handling conditions.

No persistent or accumulation effect has been observed.

12. ECOLOGICAL INFORMATION

Environmental effects:

Water: Do not contain any hazardous substances for environment, or non-degradable substances in water supply.

Mobility: No foreseeable or expected environmental undermining in normal handling conditions.

Persistence and degradation: easily biodegradable, according to appropriate OCDE test.

Other information:

The product doesn't contain any organic halogen

13. WASTE DISPOSAL INFORMATION

→ Can be discarded as used water if in accordance with State and local regulations

Waste disposal code – Products: 070104

Waste disposal code – Contaminated Packages: 150102

Waste disposal of contaminated packages:

→ Clean packages properly with water. The cleaned materials can be given to the local companies of recycling.

14. TRANSPORT INFORMATION

→ **Internal Transportation (ADR/RID):**

N°ONU: 1219 – «Alcohol Isopropylique, Bergeon 81»

Class: 3

Packing Group: II

Danger No 33

Other useful information (terrestrial transportation)

Limited quantity according to the "Marginal" 3.4.1 – 3.4.6 ADR/RID: liquid no more than three litres per internal packing and no more than 12 litres per parcel.

→ **International Regulations for Transport by Ship (IMDG):**

ONU N°: 1219 Danger Class/Symbol: 3

Packing Group: II

EMS: F – E, S – D

Shipping Name: Alcohol isopropylique Bergeon 81

→ **International Regulations for Transport by plane (ICAO/IATA):**

N°ONU: 1219 Class: 3

Packing Group: II

IATA-Packing Instruction (airliner) : 305

IATA-Packing Instruction (freight plane) : 306

15. REGULATIONS

Symbol: F - Easily flammable Alcohol Isopropylique

Xi - Irritating

R 11 : easily flammable

R 36 : irritating for the eyes

R 67 : vapors inhalation may provoke drowsiness or may make you feel dizzy

S : 7, 16, 24/25, 26



SAFETY DATA SHEET FOR HAZARDOUS AND TOXIC PRODUCTS

Form N° : F0001.002
Auteur : SL-LR-M.Rothen
Version : 04.04.2006
Validation : VZ

- Keep container tightly closed.
- Keep away from heat & sources of ignition – Do not smoke
- Avoid contact with eyes & skin
- In case of contact with the eyes, rinse immediately with plenty water and seek medical advice.
- 200-661-7 - CE Label + Bergeon 81

16. OTHER INFORMATION

- The information on this Data Sheet document is our best knowledge and is regularly & conscientiously updated. This information is for security reasons only and doesn't contain any characteristic properties guaranteed for special application. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other products or process is the responsibility of the user.
- Any information concerning laws, regulations, classifications, prescriptions, etc. are clearly in accordance with Switzerland.
 - The product user has to respect the national laws and regulations as well as any possible international prescriptions especially concerning transportations, storage, handling, and waste disposal of the product.
 - The information on this Data Sheet document is not the specificities of the product.