

Safety Data Sheet

Date of preparation of the safety data sheet (previous version):

June 2015. Date of revision: 25 November 2022.

Version No.: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Isopropyl alcohol spray 400 ml

Product code: 17289

UFI: 2NFA-027W-PX00-T8EX

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

Identified use: Cleaning agent. For domestic use.

Prohibited use: Any use other than those specified above.

1.3 Details of the supplier of the safety data sheet

Manufacturer: V.M.D. ITALIA SRL - Cascina Secchi 325/327 - 24040 Isso (BG) - Italy

Distributor: Globiz International Kft

E-mail address of the person responsible for the safety data sheet:

4002 Debrecen, Bánki Donát utca 3. Tel: +36/30/ 9 456 789

email address: globiz@globiz.hu

1.4 Emergency telephone number:

Health and Toxicology Information Service (ETTSZ):

06 1 476 6464, 06 80 201 199 (Available 24 hours a day, free of charge!)

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture in accordance with Regulation (EC) No 1272/2008 (CLP):

Aerosols Category 1,

H222 Extremely flammable aerosol.

H229 The container is under pressure: may burst if heated.

Serious eye irritation, Category 2,

H319 Causes serious eye irrit.

Specific target organ toxicity, Category 3

H336 May cause drowsiness

or dizziness

2.2 Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008

Hazardous ingredients: $\geq 70\%$ - $< 80\%$ propin-2-ol, isopropyl alcohol, isopropanol $\geq 15\%$ - $< 20\%$ propin;
 $\geq 7\%$ - $< 10\%$ butin; $\geq 3\%$ - $< 5\%$ isobutin

Hazard pictogram:



Warning: Danger

Hazard statements:

H222 Extremely flammable aerosol.

H229 The container is under excessive pressure: it may burst if heated. H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary P-phrases:

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on open flames or other ignition sources.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50

$^{\circ}\text{C}/12^{\circ}\text{F}$. P251 Container under pressure: do not pierce or burn, even after use. P261

Avoid inhaling dust/fumes/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area

P280 Protective gloves/protective clothing/eye protection/face protection/hearing protection/... must be worn.

P304+P340 IF INHALED: Move the affected person to fresh air and keep them in a comfortable position so they can breathe easily.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 If you feel unwell, contact a POISON CENTRE/doctor/.... P337+P313 If eye irritation persists: seek medical advice.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store in a sealed container.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 $^{\circ}\text{C}/122^{\circ}\text{F}$.

P501 Disposal of contents/container: in accordance with local/regional/ national/international regulations (to be specified).

Globiz International Kft

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Tel: +36 (30) 9 456 789 **Web:** globiz.hu

E-mail: info@globiz.hu

Bank:

MKB 10300002-34607815-00003285

Tax number:

11557324-2-09

Company registration

number : 09-09-005586

2.3 Other hazards

vPvB substances: None - PBT substances: None

SECTION 3: Information on composition/ingredients

3.2 Mixtures

Classification of hazardous ingredients based on CLP classification:

Concentration (w/w%)	Ingredient	Identifier	Classification
>= 70% - < 80%	propin-2-ol, isopropyl alcohol, isopropanol	CAS No.: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H336
>= 15% - < 20%	propin	CAS No.: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9	2.2/1 Flam. Gas 1 H220 2.5 Press. Gas
>= 7% - < 10%	butane	Index No.: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7	2.2/1 Flam. Gas 1 H220 2.5 Press. Gas
>= 3% - < 5%	isobutane	Index No.: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2	2.2/1 Flam. Gas 1 H220 2.5 Press. Gas

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately remove contaminated clothing. Wash the affected area with plenty of water and soap. In case of contact with eyes:

Rinse the eye immediately with plenty of water and seek medical advice. Protect the unaffected eye.

If swallowed: Do not induce vomiting under any circumstances. SEEK MEDICAL ATTENTION IMMEDIATELY.

If inhaled: Move the affected person to fresh air, keep them warm and at rest.

4.2 Most important – acute and delayed – symptoms and effects:

No information available.

4.3 Indication of any immediate medical attention and special treatment required:

In the event of an accident or if you feel unwell, seek medical advice immediately (if possible, show the instructions for use or the safety data sheet).

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media: In the event of a fire, use dry powder, CO₂ or foam. Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Do not inhale fumes from explosion or combustion. Combustion produces heavy smoke.

5.3 Advice for firefighters

Use appropriate respiratory protection.

Collect contaminated firefighting water separately; do not discharge into drains. Remove undamaged containers from the danger zone if this can be done safely.

SECTION 6 : Measures in case of accidental exposure**6.1 Personal precautions, personal protective equipment and emergency procedures**

Personal protective equipment must be worn. Remove all ignition sources. Evacuate people to a safe place. See sections 7 and 8 for information on precautionary measures.

6.2 Environmental precautions

Do not allow the substance to enter the soil, surface water or drains. Collect contaminated wash water and dispose of it. If the substance enters the soil, rivers or drains, notify the relevant authorities.

6.3 Methods and materials for containment and decontamination:

Wash off with plenty of water.

6.4 Reference to other sections:

Personal protective equipment: see Section 8.

Disposal and waste management: see Section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Avoid contact with skin and eyes, and inhalation of vapours and mists. Do not use empty containers until they have been cleaned.

Before carrying out filling operations, ensure that there are no incompatible material residues in the containers.

Contaminated clothing must be changed before entering dining areas.

Do not eat or drink whilst working. See also Section 8 on recommended personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities:

Keep away from open flames and heat sources. Avoid exposure to direct sunlight. Keep away from food, drink and animal feed.

Incompatible materials: none.

Storage instructions: Store in a cool, well-ventilated place.

7.3 Identified end use(s): Cleaning agent. For domestic use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

In accordance with ITM Decree 5/2020 (II. 6.) on the protection of the health and safety of workers exposed to chemical hazards, the permissible average concentration and permissible peak concentration values of hazardous substances in workplace air, as well as their characteristic properties:

Description	CAS number	ÁK value mg/m ³	CK value mg/m ³	Characteristic property	Reference	ÁK correction group
n-Butane	106-97-8	2350	9400	-	-	N
isopropyl alcohol	67-63-0	500	1000	b,i	-	R

Abbreviations:

AK value Permissible average concentration

CK value Permissible peak concentration

CAS number Chemical Abstracts Service number used to identify chemicals registration number

b It is also absorbed through the skin.

i an irritant that irritates the skin, mucous membranes, eyes or the entire body

N Irritants, simple asphyxiant gases, substances with a slight health-damaging effect

. Correction is NOT required.

R. Substances whose adverse health effects manifest following SHORT-TERM exposure.
Corrected AK = AK x 8/daily working hours.

In the case of occupational chemical exposure, the permissible in urine permissible limit.

Chemical	Biological exposure (six-month) indicator	Sampling time	mg/g creatinine	micromoles/mmol creatinine (rounded values)	mg/l	µmol/l
Isopropyl alcohol (2-Propanol)	acetone	m.v.	-	-	25	430

n.m. at the end of the shift

8.2 Exposure controls:

Eye protection: tightly fitting safety goggles. Do not wear contact lenses.

Skin protection: No special precautions are required when using Normil.

Hand protection: Protective gloves providing adequate protection, e.g. PVC, neoprene or rubber.

Respiratory protection: Use suitable respiratory protection, e.g. CEN/FFP-2 or CEN/FFP-3.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	characteristic
odour threshold	no data
melting point/freezing point	no data
boiling point or initial boiling point and boiling point range	no data
fire hazard	Extremely flammable aerosol.
upper and lower flammability/explosivity	no data
flash point	< 0 °C
auto-ignition temperature	no data
decomposition temperature	no data
pH	no data
kinematic viscosity	No data
Solubility (in water):	partially
Solubility (in oil)	soluble
n-octanol/water partition coefficient (log value):	no data
Vapour pressure:	no data
Density and/or relative density:	approx. 0.81 g/ml
relative vapour density	no data
particle characteristics	No data

9.2 Other information

No data available.

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Tax number:

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Company registration number : 09-09-005586

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Flammable gases may be formed upon contact with metallic elements (alkali and alkaline earth metals), nitrites and strong reducing agents. May ignite on contact with oxylacetic acids, metallic elements (alkali and alkaline earth metals), organic peroxides and hydroperoxides, oxyl compounds, and reducing agents.

10.4 Conditions to avoid

Stable under normal conditions.

10.5 Incompatible substances

Avoid contact with flammable substances. The product may ignite

10.6 Hazardous decomposition products

None.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- Acute toxicity: Based on the available data, it does not meet the classification criteria.
- Skin corrosion/irritation: Based on the available data, it does not meet the classification criteria.
- Serious eye corrosion/eye irritation: Has a serious eye-irritating effect.
- Respiratory or skin sensitisation: Based on the available data, it does not meet the classification criteria.
- Germ cell mutagenicity: Based on available data, it does not meet the classification criteria.
- Teratogenicity: Based on available data, it does not meet the classification criteria.
- Reproductive toxicity: Based on the available data, it does not meet the classification criteria.
- Single-exposure target organ toxicity (STOT): May cause drowsiness or dizziness.
- Specific target organ toxicity following repeated exposure (STOT): Based on the available data, it does not meet the classification criteria.
- Aspiration hazard: Based on available data, it does not meet the classification criteria.

11.2 Information on other hazards: No data available.

SECTION 12: Ecological information:

- 12.1 Toxicity:** Appropriate working conditions must be maintained to prevent the product from entering the environment.
- 12.2 Persistence and degradability:** No data available.
- 12.3 Bioaccumulative potential:** No data available.
- 12.4 Mobility in soil:** No data available.
- 12.5. Results of PBT and vPvB assessment:** The product does not contain any PBT or vPvB substances.
- 12.6 Endocrine-disrupting properties:** No data available.
- 12.7. Other adverse effects:** No data available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

The handling and disposal of product residues shall be carried out in accordance with the provisions of Act CLXXXV of 2012, Government Decree 225/2015 (VIII. 7.) and Decree 72/2013 (VIII. 27.) of the Ministry of Agriculture. European Waste Catalogue (EWC) codes

The EWC codes listed here are only indicative based on the recommended uses, which may be influenced by the circumstances of use and waste generation; therefore, a new classification may be required. Waste owners must consult the competent authorities to determine the precise waste classification.

EWC code: 15 01 11 – packaging waste made of metal containing hazardous, fibrous or porous materials (e.g. asbestos), including empty propellant-filled cans.

After use, the product must be delivered to an officially inspected and authorised waste processing or to an incinerator operating under controlled conditions in accordance with regulations.

SECTION 14: Transport information**14.1. UN number or identification number:**

ADR-UN code: 1950

IATA-UN No.: 1950

14.2 Proper shipping name according to the UN

ADR transport name: : AEROSOLS, flammable

14.3 Transport hazard classes

ADR/RID:

Division: 2

Classification code:

5F

Class: 2.1

Transport category (Tunnel restriction code): 2 (D)

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for users

Not applicable.

14.7. Transport in bulk by sea according to IMO regulations: Not relevant.**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture**

Chemical safety: Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1907/2006 (18 December 18) on the registration, evaluation, authorisation and restriction of chemicals (REACH)

Regulation (EC) No 1272/2008 (16 December 2008) on the classification, labelling and packaging of substances and mixtures (CLP)

Act XXV of 2000 on chemical safety

Decree No 44/2000 (27 December) of the Ministry of Health on detailed rules for certain procedures and activities relating to hazardous substances and preparations

Decree No. 34/2014 (30 October) of the Ministry of National Economy on the requirements for the marketing of aerosol products and aerosol packaging

Occupational safety:

Joint Decree No. 3/2002 (II.08.) of the Ministry of Social Affairs and Labour and the Ministry of Health on the minimum

on the minimum level of occupational safety requirements

Act XCIII of 1993 on occupational safety

Decree No. 65/1999 (22 December) of the Ministry of Health on the minimum safety and health requirements for the use of personal protective equipment by workers in the workplace

Decree No. 5/2020 (6 February) of the Ministry of Innovation and Technology on the protection of the health and safety of workers exposed to chemical hazards

Waste management:

Act CLXXXV of 2012 on waste

Government Decree No. 225/2015 (7 August) on the detailed rules governing certain activities relating to hazardous waste

Government Decree No. 442/2012 (29 December 29) on packaging and waste management waste management activities

Decree No. 72/2013 (27 August) of the Ministry of Agriculture on the waste list

Transport:

61/2013 (17 October 17) NFM Decree on the domestic application of Annexes 'A' and 'B' to the European (ADR)

Restrictions relating to the product or the substances it contains in accordance with Annex XVII of Regulation (EC) No 1907/2006 (REACH) and subsequent amendments:

Restrictions relating to the product:

Restriction: Restriction 3

Restriction 40

Restrictions relating to substances contained in the product: Restriction 57

Where applicable, refer to the following regulatory provisions:

Directive 2012/18/EU (Seveso III)

Regulation (EC) No 648/2004
(detergents).

Directive 2004/42/EC (VOC
Directive)

Provisions relating to Directive 2012/18/EU (Seveso III): Seveso
III category in accordance with Part 1 of Annex 1.

The product falls under the following categories: P3a, E2

15.2 Chemical safety assessment

The manufacturer has not carried out a chemical safety assessment.

SECTION 16: Other information

a) This document is a revision of the product's safety data sheet version 1.

The section/subsection headings and their content have been amended in accordance with Regulation (EU) 2020/878.

b) Translation of abbreviations and acronyms used in the safety data sheet:

CAS No.: The CAS No. is the registration number of the Chemical Abstracts Service used to identify chemical substances (chemical elements, compounds).

PBT substances: PBT substances are substances of very high concern (SVHC).

vPvB substances: Substances that are very persistent (break down very slowly) and have very bioaccumulative properties in living organisms. LD50: This value indicates the dose of a given substance or compound that causes the death of 50% of test organisms within 24 hours.

LC50: This value indicates the concentration of a given substance or compound that causes the death of 50% of test organisms within 24 hours.

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road IMO: International Maritime Organisation
RID: Regulation concerning the International Carriage of Dangerous
Goods by Rail ICAO: International Civil Aviation Organisation

c)

Classification in accordance with Regulation (EC) No 1272/2008	Classification method
Aerosols 1, H222+H229	Based on test data
Serious eye irritation, Category 2 H319	Based on calculation method
Specific target organ toxicity, Category 3 H336	Based on calculation method

d) Full text of the H statements appearing in section 3 of the safety data sheet:

H220 Extremely flammable liquid.

H225 Highly flammable liquid and vapour.

H280 Contains pressurised gas; may explode if heated. H304

May be fatal if swallowed and enters the respiratory tract.

H336 May cause drowsiness or dizziness.

Hazard class	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosol, Category 1
Pressurised gas	2.5	Gases under pressure
Flammable liquids	2.6/2	Flammable liquids, Category 2
Eye Irrit. 2	3.3/2	Eye irritant, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity, single exposure, Category 3

This safety data sheet has been compiled to the best of our knowledge, based on the available data. The above refers to possible effects; it does not guarantee that they will occur. It is the user's responsibility to verify the accuracy of the above and to act accordingly. In light of this safety data sheet, previous descriptions are deemed invalid.