

# SAFETY DATA SHEET

## ■ HAND CLEANSER SANITIZER SPRAY 100 ml.

COD. SCC600029 - SCC600030



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## DESCRIZIONE

Prodotto ideale per la detergenza e l'igienizzazione delle mani. La speciale formulazione deterge e igienizza velocemente le mani e da un'immediata sensazione di benessere e morbidezza sulla pelle. Il prodotto applicato non necessita di risciacquo, non unge, non appiccica, garantendo un'igiene profonda per se e per gli altri.

Disponibile nella versione da 100 ml.

## ISTRUZIONI PER L'USO

- Agitare la bombola prima dell'uso.
- Capovolgere la bomboletta prima dell'uso.
- Nebulizzare una quantità minima di prodotto sul palmo delle mani.
- Strofinare fino a completa asciugatura della pelle

## INFORMAZIONI PER LA SICUREZZA

Proteggere dai raggi solari. Non esporre a temperature superiori ai 50°C. Conservare al riparo da qualsiasi fonte di calore. Non fumare. Non vaporizzare su fiamme o corpi incandescenti. Tenere lontano dalla portata dei bambini. In caso di contatto con gli occhi, risciacquare immediatamente con abbondante acqua. Conservare in luogo fresco e asciutto. Non perforare, né bruciare neppure dopo l'uso

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Mixture identification:

Trade name: Hand cleanser sanitizer spray 100 ml.

Trade code: SCC600029 - SCC600030

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

Recommended use:

hand cleaner

Uses advised against:

do not use for purposes other than those indicated.

#### 1.3. Details of the supplier of the safety data sheet

Company:

TECNOSYSTEMI S.p.A.

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Tel/Phone +39 0438.500044 Fax +39 0438.501516

email: info@tecnosystemi.com

#### 1.4. Emergency telephone number

Centro Antiveneni Ospedale Niguarda Milano +39 02.66101029

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):



Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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

smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P403 Store in a well-ventilated place.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Special Provisions:

None

Contains

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1): May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

Product contents:

Non-ionic surfactants: < 5 %

Allergens:

Preservatives: Quaternary ammonium compounds, benzyl-C12-16-alchil-dimethyl, chlorides

### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards











## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 10% - < 12.5%	propane	Index number: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 REACH No.: 01-2119486944-21-0046	 2.2/1 Flam. Gas 1 H220  2.5 Press. Gas H280
>= 7% - < 10%	Hydrocarbons, C4; Petroleum gas	Index number: 649-113-00-2 CAS: 87741-01-3 EC: 289-339-5 REACH No.: 01-2119480480-41-xxxx	 2.5 Press. Gas H280  2.2/1 Flam. Gas 1 H220 DECLK (CLP)
>= 0.5% - < 1%	Alcohols, C11-13- branched, ethoxylated	CAS: 68439-54-3 EC: 614-485-7	 3.1/4/Oral Acute Tox. 4 H302  3.3/1 Eye Dam. 1 H318
819 ppm	Quaternary ammo- nium compounds, benzyl-C12-16-alchil- dimethyl, chlorides	Index number: 270-325-2 CAS: 68424-85-1	 3.1/4/Oral Acute Tox. 4 H302  3.1/4/Dermal Acute Tox. 4 H312  3.2/1B Skin Corr. 1B H314  4.1/A1 Aquatic Acute 1 H400

\*DECLK (CLP): This substance is classified in accordance with Note K, Annex VI of EC Regulation CE 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (Einecs No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 should apply. This note applies only to certain complex oil-derived substances in Part 3.

## **SECTION 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

- In case of skin contact: Wash with plenty of water and soap.
- In case of eyes contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of Ingestion: Do NOT induce vomiting.
- In case of Inhalation: Remove casualty to fresh air and keep warm and at rest.

### **4.2. Most important symptoms and effects, both acute and delayed**

For symptoms and effects due to the contained substances see chapter 11

### **4.3. Indication of any immediate medical attention and special treatment needed**

Treatment:

Follow the doctor's instructions.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Suitable extinguishing media:

CO<sub>2</sub> or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons:

Water.

### **5.2. Special hazards arising from the substance or mixture**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

Carbon monoxide

Organic irritants

Particulates

### **5.3. Advice for firefighters**

Normal elements for fire fighting, such as a self-contained compressed air open-circuit respirator (EN 137), fire-retardant suit (EN469), flame-retardant gloves (EN 659) and fire boots (HO A29 or A30).

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Keep containers cool with water spray.

Move undamaged containers from immediate hazard area if it can be done safely.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove all sources of ignition.  
Remove persons to safety.  
See protective measures under point 7 and 8.

### **6.2. Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand  
Retain contaminated washing water and dispose it.

### **6.3. Methods and material for containment and cleaning up**

For containment:

Limit in case of leakage of significant quantities of product. Contain the spread of small quantities of product with earth, sand or other inert absorbent material.

For cleaning up:

Wet clean or vacuum up solids.

Wash with plenty of water.

Clear spills immediately

Other information:

Don't use a brush or compressed air for cleaning surfaces or clothing.

### **6.4. Reference to other sections**

See also section 8 and 13

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Do not eat, drink or smoke when using this product.

### **7.2. Conditions for safe storage, including any incompatibilities**

store in a cool, well ventilated place, away from heat, flames, sparks or other sources of ignition

keep only in the original container away from sunlight neighborhoods

avoid contact with skin and eyes, inhalation of vapours/mists/dusts.

do not use empty containers before they are cleaned.

contaminated clothing must be replaced before entering the dining areas.

at work do not eat or drink.

avoid the accumulation of electrostatic charges.

do not smoke

Always keep in a well ventilated place.

Store at below 50 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

Keep away from acids.

Keep away from combustible materials.

Keep away from water or from damp surroundings.

See subsection 10.5  
 Instructions as regards storage premises:  
 Cool and adequately ventilated.  
 Safety electric system.

### 7.3. Specific end use(s)

None in particular

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

propane - CAS: 74-98-6

ACGIH

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

### 8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

Do not expose to temperatures exceeding 50° c.

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Spray can	-	-
Odour:	perfumed of essence	-	-
Odour threshold:	Not Relevant	-	-
pH:	7,5	-	-
Melting point / freezing point:	Not Relevant	-	-
Initial boiling point and boiling range:	Not Relevant	-	-
Flash point:	< 0 ° C	-	-
Evaporation rate:	Not Relevant	-	-
Solid/gas flammability:	Not Relevant	-	-

Properties	Value	Method:	Notes:
Upper/lower flammability or explosive limits:	Not Relevant	-	-
Vapour pressure:	>2	-	-
Relative density:	0.83 +/- 0.05 15°C	-	-
Solubility in water	Not Relevant	-	-
Solubility in oil:	Not Relevant	-	-
Partition coefficient (n-octanol/water):	Not Relevant	-	-
Auto-ignition temperature	>175°C	-	-
Decomposition temperature:	Not Relevant	-	-
Viscosity:	Not Relevant	-	-
Explosive properties:	Not Relevant	-	-
Oxidizing properties:	Not Relevant	-	-

## 9.2. Other information

Properties	Value	Method:	Notes:
kinematic viscosity:	Not Relevant	-	-
Miscibility:	Not Relevant	-	-
Fat Solubility:	Not Relevant	-	-
Conductivity:	Not Relevant	-	-
Substance Groups relevant properties	Not Relevant	-	-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

avoid contact with strong acids and bases and oxidizing agents.

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

may form explosive vapor / air mixtures in places not well ventilated  
 avoid mixing the product with strong oxidizers and strong acids

### 10.4. Conditions to avoid

avoid the accumulation of electrostatic charges.  
 keep away from heat, sources of ignition

### 10.5. Incompatible materials

oxidizing agents  
 acids, alkalis and alkaline metals



## 10.6. Hazardous decomposition products

during combustion it produces irritating gases by thermal decomposition can rid COx

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information of the product

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product: N.A.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Not classified for environmental hazards

Based on available data, the classification criteria are not met

#### **12.2. Persistence and degradability**

None

N.A.

#### **12.3. Bioaccumulative potential**

N.A.

#### **12.4. Mobility in soil**

N.A.

#### **12.5. Results of PBT and vPvB assessment**

vPvB Substances: None - PBT Substances: None

#### **12.6. Other adverse effects**

None

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Additional disposal information:

contaminated packaging should be sent for recovery or disposal in compliance with national regulations on waste management reuse if possible. Product residues are to be considered hazardous waste. disposal must be entrusted to authorised waste management, in compliance with national and, where appropriate, local.

CER 160504

### **SECTION 14: TRANSPORT INFORMATION**

#### **14.1. UN number**

ADR-UN number: 1950

IATA-Un number: 1950

IMDG-Un number: 1950

#### **14.2. UN proper shipping name**

#### **14.3. Transport hazard class(es)**

ADR-Class: 2.5°F CAP. 2.2.2.1.6 UN1950

IATA-Class: 2.1

IMDG-Class: 2 Aerosols UN 1950

#### **14.4. Packing group**

ADR-Packing Group: N.A.

IATA-Packing group: N.A.

IMDG-Packing group: N.A.

#### **14.5. Environmental hazards**

Marine pollutant: No

#### 14.6. Special precautions for user

IMDG-Page: 2102

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No

### SECTION 15: REGULATORY INFORMATION

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P3a

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

### SECTION 16: OTHER INFORMATION

Text of phrases referred to under heading 3:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

Hazard class and hazard category	Code	Description
Flam. Gas 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosol, Category 1
Press. Gas	2.5	Gases under pressure
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222+H229	On basis of test data

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWA: Time-weighted average

WGK: German Water Hazard Class.



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