

Safety Data Sheet dated 7/4/2020, version 1

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

1.1. Product identifier

Mixture identification:

Trade name: GEL PER LA PULIZIA DELLE MANI CON IGIENIZZANTE

Trade code: IIM803WF;N—41482;N—41485;N—41486;N--41487

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

Recommended use:

Cosmetic alcoholic bulk (hand cleansing gel)

1.3. Details of the supplier of the safety data sheet

Company:

I.C.R. INDUSTRIE COSMETICHE RIUNITE SPA

Strada Provinciale 25 km 2.8

26900 Lodi

Tel: ++39 - 0371 400.1

Fax: ++39 - 0371 400227

Competent person responsible for the safety data sheet:

sds-info@icrcosmetics.com

1.4. Emergency telephone number

++39 - 0371 400.1 (Monday to Friday: 9-13; 14-17.30)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Danger, Flam. Liq. 2, Highly flammable liquid and vapour.

Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements:

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

P233 Keep container tightly closed.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: use foam, dry powder, carbon dioxide to extinguish

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

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

None

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

Alcoholic cosmetic bulk

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

Qty	Name	Ident. Number	Classification
>= 70% - < 80%	ethanol; ethyl alcohol	Index number: 603-002-00 -5	

CAS:	64-17-5
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EC:	200-578-6
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REACH No.:	01-211945 7610-43
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	2.6/2 Flam. Liq. 2 H225 3.3/2 Eye Irrit. 2 H319
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SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

remove contaminated clothing and wash affected area thoroughly with water. If irritation persists, seek medical advice.

In case of eyes contact:

immediately flush with copious amounts of water. Remove contact lenses. If symptoms persist, consult an ophthalmologist.

In case of Ingestion:

Cleans mouth with water. Remove casualty to fresh air and keep warm and at rest.

Do not under any circumstances induce vomiting. In case of ingestion of large amount of product. seek medical advice.

In case of Inhalation:

Ventilate the area. Remove casualty to fresh air and keep warm and at rest. In case of inhalation of large amount of product. seek medical advice.

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

Ingestion of large quantities: may cause a depression of the central nervous system.

Inhalation: May cause central nervous system depression, may cause respiratory irritation.

Can cause irritation of the mouth and stomach

Contact with eyes may cause irritation with redness, swelling, pain, tearing

- Skin contact: No known significant effects
- 4.3. Indication of any immediate medical attention and special treatment needed
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
Symptomatic treatment.

SECTION 5: Firefighting measures

- 5.1. Extinguishing media
Suitable extinguishing media:
Extinguishing powder, foam and carbon dioxide.
Extinguishing media which must not be used for safety reasons:
Water jet
- 5.2. Special hazards arising from the substance or mixture
Highly flammable liquid and vapor.
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Runoff to sewer may create fire or explosion.
- 5.3. Advice for fire-fighters
Use normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Use water spray to keep fire-exposed containers cool and 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
Keep everybody away from the area, if they are not directly involved in emergency response operations.
Do not touch or walk through spilled material. Shut off all ignition sources. Avoid breathing vapour or mist.
Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
Put on appropriate personal protective equipment: airtight protective goggles (see standard EN 166), protect hands with category III work gloves (see standard EN 374), Lab coat or other protective work clothing and footwear that cannot be penetrated by chemicals (see Dir 89/686/EEC and EN ISO 20344).
Use a respirator if the extent of a risk assessment indicates this is necessary (see EN 529).
These indications apply for both processing staff and those involved in emergency procedures.
Refer to protective measures in section 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.
Retain contaminated washing water and dispose it.
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.
- 6.3. Methods and material for containment and cleaning up
Absorb spill with inert material (e.g. vermiculite, sand or earth), then collect and dispose in appropriate waste containers.
Use non-sparking tools.
Dispose products via a licensed waste disposal contractor.
Wash the area with plenty of water

- 6.4. Reference to other sections
Emergency telephon number: see section 1
See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters.
Avoid contact with skin and eyes, inhalation of vapours and mists.
Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation.
Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire.
Avoid bunching of electrostatic charges.
When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear.
Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling.
Open containers with caution as they may be pressurised.
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.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
Store only in the original container.
Always keep the containers tightly closed.
Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Do not expose or store at high temperatures
Keep containers away from any incompatible materials, see section 10 for details.
Keep away from food, drink and feed.
Instructions as regards storage premises:
Cool and adequately ventilated.
- 7.3. Specific end use(s)
Cosmetic alcoholic bulk (hand cleansing gel)

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
Ethanol; ethyl alcohol - CAS: 64-17-5
TLV TWA - 1000 mg/m³
TLV STEL - 1000 ppm (OEL (IT))
- DNEL Exposure Limit Values
Ethanol; ethyl alcohol - CAS: 64-17-5
Worker Professional: 1900 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term (acute)
Worker Professional: 343 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 950 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
- PNEC Exposure Limit Values
Ethanol; ethyl alcohol - CAS: 64-17-5
Target: Food Chain - Value: 0.72 g/kg
Target: Fresh Water - Value: 0.96 mg/l

Target: Marine water - Value: 0.79 mg/l
 Target: Freshwater sediments - Value: 3.6 mg/kg
 Target: Marine water sediments - Value: 2.9 mg/kg
 Target: Microorganisms in sewage treatments - Value: 580 mg/l
 Target: Soil (agricultural) - Value: 0.63 mg/kg

8.2. Exposure controls

Use only in well ventiated area.

Provide a safety shower and an eyewash station immediately accessible to the work area.

Individual protection measures, such as personal protective equipment:

Chemical resistant gloves (see European Standard EN 374).

Appropriate protective eyeglasses or chemical safety goggles (see European Standard EN 166).

Lab coat or other protective work clothing and footwear that cannot be penetrated by chemicals (see Dir 89/686/EEC and EN ISO 20344).

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist.

Use a respirator if the extent of a risk assessment indicates this is necessary (see EN 529).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	uncolored clear gel	--	--
Odour:	not perfumed	--	--
Odour threshold:	not available	--	--
pH:	N.A.	--	--
Melting point / freezing point:	not available	--	--
Initial boiling point and boiling range:	> 35°C	--	--
Flash point:	18,00 °C	--	--
Evaporation rate:	not available	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	not available	--	--
Vapour pressure:	not available	--	--
Vapour density:	not available	--	--
Relative density:	0,8680 – 0,8780 g/mL (20 °C).	--	--
Solubility:	Soluble in ethanol	--	--
Partition coefficient (n-octanol/water):	not available	--	--
Auto-ignition temperature:	not available	--	--
Decomposition temperature:	not available	--	--
Viscosity:	30000 - 40000 (RV4/2.5, 20°C, mPa.s)	--	--
Explosive properties:	not available	--	--
Oxidizing properties:	not available	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	not available.	--	--
Fat Solubility:	not available.	--	--
Conductivity:	not available.	--	--

Refractive index:	not available.		
Substance Groups relevant properties	not available.	--	--
Alcoholic degree:	74,0000 – 80,0000		

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

Capable of exploding with air in a vaporous/gaseous state.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

ETHANOL: risk of explosion on contact with: alkaline metals, alkaline oxides, calcium hypochlorite, sulphur monofluoride, acetic anhydride (with acids), concentrated hydrogen peroxide, perchlorates, perchloric acid, perchloronitrile, mercury nitrate, nitric acid, silver and nitric acid, silver nitrate, silver nitrate and ammonia, silver oxide and ammonia, strong oxidising agents, nitrogen dioxide. Can react dangerously with: bromoacetylene, chlorine acetylene, bromine trifluoride, chromium trioxide, chromyl chloride, oxiranes, fluorine, potassium tert-butoxide, lithium hydride, phosphorus trioxide, black platinum, zirconium (IV) chloride, zirconium (IV) iodide. Forms an explosive mixture with the air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

ETHANOL: Avoid vigorous stirring and flow through the tubes that may cause the formation and accumulation of electrostatic charges (Pohanish, 2009).

Avoid exposure to sources of heat and naked flames.

Always keep in a well ventilated place.

Always keep the containers tightly closed.

10.5. Incompatible materials

Oxidising agents, sulphuric acid, nitric acid, alkali metals, alkaline oxides, acetyl chloride, peroxides, ammonia, sodium hypochlorite, calcium hypochlorite, perchlorates.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

Upon combustion of ethanol CO is formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the mixture:

not available

Toxicological information of the main substances found in the mixture:

Ethanol; ethyl alcohol - CAS: 64-17-5

Acute toxicity:

LD₅₀ oral - rat: 7000 mg/kg (HSDB, 2015)

LD₅₀ oral - mouse: 3400 mg/kg (HSDB, 2015)

LD₅₀ dermal - rabbit: > 20000 mg/kg (INRS, 2011)

LC₅₀ 10 h inhalation - rat: 20000 ppm (HSDB, 2015)

LC₅₀ 4 h inhalation - mouse: 39 mg/m³ (HSDB, 2015)

Skin corrosion/irritation:

not irritant (OECD, 2004)

Serious eye damage/irritation:

moderately irritant (OECD, 2004)

Respiratory or skin sensitisation:

maximization test Guinea pig: negative (OECD 406)

LLNA: negative (OECD429)
Germ cell mutagenicity:
chromosome aberration test: negative (INRS, 2011)

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as not available.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

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

Ecotoxicological data are not available on the mixture.

Ecological information of the main substances found in the mixture:

Ethanol; ethyl alcohol - CAS: 64-17-5

Ecotoxicity:

Fishes:

LC₅₀ 96 h - *Salmo gairdneri*: 13 g/l

LC₅₀ 96 h - *Pimephales promelas*: 13.5 - 15.3 g/l

Freshwater invertebrates:

EC₅₀ 48 h - *Daphnia Magna*: 12.34 g/l

NOEC reproduction, 21 d - *Daphnia Magna*: > 10 mg/l

EC₅₀ 48 h - *Cerodaphnia dubia*: 5.012 g/l

NOEC reproduction, 10 d - *Cerodaphnia dubia*: 9.6 mg/l

NOEC development, 10 d - *Palaemonetes pugio*: 79 mg/l

Marinewater invertebrates:

EC₅₀ 24 h, *Artemia salina*: > 10 g/l

EC₅₀ 48 h, *Artemia salina* naupli: 857 mg/l

Marine algae:

Chlorella vulgaris:

EC₅₀ 72 h: 275 mg/l; CE₁₀: 11.5 mg/l

Selenastrum capricornutum:

EC₅₀ 72 h: 12.9 g/l; CE₁₀: 0.44 g/l

Chlamydomonas eugametos:

EC₅₀ 48 h: 18g/l, NOEC: 7.9 g/l

Skeletonema costatum:

NOEC 5 d: 3.24 g/l

12.2. Persistence and degradability

Ethanol; ethyl alcohol - CAS: 64-17-5

Readily biodegradable

12.3. Bioaccumulative potential

Ethanol; ethyl alcohol - CAS: 64-17-5

The product is not expected to bioaccumulate

Log Pow: - 0.35

BCF: 3.2

- 12.4. Mobility in soil
Ethanol; ethyl alcohol - CAS: 64-17-5
Not persistent in the environment
- 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
The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed in sewers, but processed in a suitable effluent treatment plant. Dispose surplus and non-recyclable products and packaging products via a licensed waste disposal contractor.
Keep the original labels on the containers empty.
Operate according to local and national current provisions.

SECTION 14: Transport information

- 14.1. UN number:
UN 1266 Perfumery Products with flammable solvents
- 14.2. Un proper shipping name:
ADR/RID, IMDG, IATA:
PERFUMERY PRODUCTS WITH FLAMMABLE SOLVENTS
- 14.3. Transport hazard class(es):
ADR/RID, IMDG, IATA:
Class 3
- 14.4. Packing group::
ADR/RID, IMDG, IATA:
II (F.P. - 18°C to 23°C)

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) and subsequent adaptations to technical progress
Regulation (EU) n. 758/2013
Regulation (EU) 2015/830

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: P5c

- 15.2. Chemical safety assessment
A chemical safety assessment has been performed for the following contained substances.
ETHANOL

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2

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
Flam. Liq. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method

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
Website Agency ECHA
SDS of raw materials suppliers

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.
N.A:	Not applicable.

PRODUCT BULK SPECIFICATION

Manufacturer : I.C.R. INDUSTRIE COSMETICHE RIUNITE SPA- Milano (Italy)
Factory : Strada Provinciale 25, Km 2,8 - 26900 Lodi (Italy)
Line : ICR
Commercial Name : GEL PER LA PULIZIA DELLE MANI CON IGIENIZZANTE
Bulk Code : IIM803WF; N—41482;N—41485;N—41486;N--41487 issue n. 01 of 19.03.20

TEST	METHODS	SPECIFICATIONS
Aspect	MA01	Clear gel not crystalline
Colour	MA01	colourless
Odour	MA01	not perfumed
Density 20°C (g/ml)	MA05	0,8680 - 0,8780
Alcoholic degree	MA11	74,0000 - 80,0000
Viscosity RV4/2,5 20°C mPa.s	MA04	30000 - 40000

I.C.R. INDUSTRIE COSMETICHE RIUNITE SPA
R&D Director
Dr. L. Zappa

Date of release : 17 April 2020

