

SAFETY DATA SHEET

PULY BAR IGIENIC® Professional

1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/ENTERPRISE

1.1 PRODUCT IDENTIFIER

UFI: AS00-V0W2-M00E-02TS

Trade name **PULY BAR IGIENIC® Professional**

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Spray cleaner for hard surfaces. PROFESSIONAL USE

Uses advised against: do not use for purposes other than those listed

1.3 INFORMATION ON THE SUPPLIER OF THE SAFETY DATA SHEET

ASACHIMICI SNC di Carubelli G. & C. - Via N.Sauro, 24 - 26039 VESCOVATO CR Italia - Tel. +390372830494 Fax. +390372830029

CONTACT US:

e-mail: info@asachimici.com

1.4 EMERGENCY TELEPHONE NUMBER

Poison Control Center of Milan Niguarda 02 66101029

2 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE Classification of the substance or mixture REGULATION (EC) No. 1272/2008 (CLP)

Eye irritation, Category 2 - H319 Causes serious eye irritation.

SIGNIFICANT ADVERSE EFFECTS

The product causes eye irritation by contact

As for the environmental impact, it is not specific cause of significant hazards under normal conditions of use.

2.2 LABEL ELEMENTS

Label compliant with EC Regulation no. 1272/2008

HAZARD PICTOGRAMS

WARNINGS

Caution

HAZARD STATEMENTS

H318 Causes serious eye irritation.

PRECAUTIONS

(P102 Keep out of the reach of children.)

(P103 Read the label before use.)

P280 Wear protective gloves/eye protection/face protection.

P312 In case of discomfort: call a poison control centre or a physician.

P307 + P313 If eye irritation persists, consult a physician.

(P101 If medical advice is needed, make available the container or label.)



2.3 OTHER HAZARDS

No other hazards known in the classification

Anyway, operate according to existing laws concerning employer "risk assessment" and health and safety of workers.

The mixture does not meet the criteria for PBT/vPvB according to Regulation (EC) No. 1907/2006, Annex XIII, on the basis of available information on the components.

3. COMPOSITION/INFORMATION ON THE INGREDIENTS

This product is a mixture of substances. Substances classified as dangerous are listed below together with their concentration range (Range set by RECOMMENDATION EEC 89/542), with their symbols/hazard signals and assigned R phrases.

3.1 SUBSTANCES

Not applicable

SAFETY DATA SHEET

PULY BAR IGIENIC® Professional

3.2 MIXTURES

Hazardous substances no. CAS / EC Acute oral toxicity on rat	no. Reg. REACH 1999/45/EC	Content %	Classification UE-CLP EC 1272/2008
Mass reaction of ethanol and propane-2-ol 902-053-3 LD50 > 5000 mg/Kg	01-2119529230-52	<20	Eye irrit. 2 H319 Flam. Liq. 2 H225 STOT SE 3 H336
Water		>80	n.c.

Chemical composition and/or concentration of the mixture intellectual property of Asachimici.

The full text of the H-phrases is specified in section 16.

4 FIRST AID MEASURES

4.1 FIRST AID MEASURES DESCRIPTION

General information: if feeling unwell seek medical advice. Show this safety data sheet to the physician.

INHALATION: remove the person from the area, make him blow his nose and breathe fresh air; if signs of illness should occur, seek medical assistance.

SKIN CONTACT: Wash with water and rinse. Change clothes if necessary

EYE CONTACT: Rinse with running water for several minutes, holding the eyelids open. If pain persists, consult a physician.

INGESTION: Never give anything by mouth if the victim is unconscious. Do not induce vomiting. Call a physician.

4.2 MAIN SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

See sect. 11.

4.3 INDICATION OF IMMEDIATE NEED FOR MEDICAL ATTENTION AND SPECIAL TREATMENT

See sect. 4.1.

5 FIRE MEASURES

5.1 EXTINGUISHERS

Cloud water, alcohol resistant foam fire, dust, sand, carbon dioxide (CO₂).

5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE

This product is not considered flammable. If it was involved in a fire, do not breathe fumes.

5.3 ADVICE FOR FIRE-FIGHTERS

For the protection of the individual fire-fighters, use suitable means of respiratory protection with proper protective equipment.

6 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

The intervention personnel should wear appropriate personal protective equipment (overalls, gloves, goggles and a dust mask). Keep unauthorized personnel away from the affected area.

6.2 ENVIRONMENTAL PRECAUTIONS

Contain the spill and transfer the contents into a new packaging. Keep away from drains. If the product is discharged in great amounts or causes contamination, notify the competent authorities.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Carefully collect the spilled product. Contain and absorb spills with inert absorbent material (e.g. sand, dirt, vermiculite, diatomaceous earth). Place the contaminated material in suitable container for waste disposal. Wash the area with water, collecting the used water and eventually sending it for disposal to approved facilities. Dispose of unusable product in accordance with relevant regulations.

6.4 REFERENCE TO OTHER SECTIONS

If necessary, see sections 8 and 13.

7 HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

SAFETY DATA SHEET

PULY BAR IGIENIC® Professional

Observe the normal precautions for handling chemical products. Adequately ventilate the area; if necessary, operate with equipment provided with suction devices to prevent dispersion of vapors in the air. Keep away from food and beverages. Avoid shock and mishandling of the packages that may cause leakage. During handling operate in clean and tidy conditions. In presence of vapors it is recommended to ventilate the premises and use appropriate protective equipment: dust mask, gloves and goggles (see section 8).

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

The product must be stored in environments equipped with alcohol-resistant floor, covered, dry, fresh and ventilated. Keep product away from heat sources (temperatures above 30 °C / 86 °F) and protected from sunlight. Keep packaging closed after use and away from oxidizing agents (see section 10 and 14). No decomposition if stored and applied as directed.

7.3 SPECIFIC END USES

No specific recommendations available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Exposure limit values: no data available on tests performed on the compound concerning occupational exposure; refer to the concentrations of substances constituting the preparation (see section 3) in order to assign a value estimated on the basis of and in relation to their individual characteristics and toxicological classifications.

Derivate level without DNEL effects

Substances	Workers long time oral	Workers long time inhalation	Consumers dermic acute	Consumers long time inhalation	Consumers long time ingestion
Mass reaction of ethanol and propane-2-ol 902-053-3	n.d.	950 mg/m ³	206 mg/Kg	114 mg/Kg bw/giorno	87 mg/Kg bw/giorno

Predictable concentration without PNEC effects

Substances	water	Sea water	Depurator plants
Mass reaction of ethanol and propane-2-ol 902-053-3	0,96 mg/l	0,79 mg/l	3,6mg/l

8.2 EXPOSURE CONTROLS

- RESPIRATORY PROTECTION: avoid inhalation of the vapors. In the presence of vapors ventilate the area.
- HAND PROTECTION: avoid skin contact. Use rubber gloves (PVC, etc.).
- EYE PROTECTION: avoid eye contact. In presence of vapors in the air, wear sealed goggles.
- SKIN PROTECTION: use appropriate clothing to avoid direct contact with the skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE: Colourless liquid
- ODOUR: typical
- VOC (Volatiles Organic Compound) content: <200 g/L
- DENSITY: 920 – 970 g/cm³
- pH: (solution 5% in water) approx. 7
- MELTING POINT/FREEZING POINT: n.d.
- INITIAL BOILING POINT AND BOILING RANGE: n.d.
- FLASH POINT: >65 °C. in opened jar
- EVAPORATION RATE: N.D.
- FLAMMABILITY (SOLID, GAS): n.a.
- UPPER/LOWER LIMIT OF FLAMMABILITY OR EXPLOSIVENESS: n.a.
- VAPOR PRESSURE: n.d.
- VAPOR DENSITY: n.d.
- RELATIVE DENSITY: n.d. (apparent density approx. 0.9 gr/ml)
- SOLUBILITY: rapidly soluble in water.
- N-OCTANOL/WATER PARTITION COEFFICIENT: n.d.

SAFETY DATA SHEET

PULY BAR IGIENIC® Professional

- IGNITION TEMPERATURE: n.d.
- DECOMPOSITION TEMPERATURE: n.d.
- VISCOSITY: n.a.
- EXPLOSIVE PROPERTIES: n.a.
- OXIDIZING PROPERTIES: n.d.

9.2 OTHER INFORMATION

- No data.

10 STABILITY AND REACTIVITY

10.1 REACTIVITY

Do not release the product into the environment; never mix substances and/or chemical compounds different from each other.

10.2 CHEMICAL STABILITY

The product is characterized by high stability under the recommended storage and handling conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reactions when stored and used properly

10.4 CONDITIONS TO AVOID

No information available on this product.

10.5 INCOMPATIBLE MATERIALS

Oxidizing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Can develop carbon oxides

11 TOXICOLOGICAL INFORMATION

No data available on tests performed on the compound; refer to the concentrations of substances constituting the preparation (see section 3) in order to evaluate the toxicological effects resulting from exposure to the product.

Substances	LD50 oral	LD50 dermic	LC50 inhalation
Mass reaction of ethanol and propane-2-ol 902-053-3	>5000 mg/Kg	n.d	2300 mg/m3

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

N.A.

- SENSITIZATION: n.a.
- Repeated dose toxicity: n.a.
- Carcinogenicity: n.a.
- Mutagenicity: n.a.
- Reproductive toxicity: n.a.

12 ECOLOGICAL INFORMATION

VOC (COV): <200 g/L

12.1 TOXICITY

Use the preparation in the manner and for the purposes intended. Use according to good working practices, avoiding disposal in the environment. Do not discharge into surface water or drains. Avoid release to the soil. Since no toxicological data is available on the mixture, refer to the toxicological information relating to the main substances in the mixture itself, listed in section 3.

12.2 PERSISTENCE AND DEGRADABILITY

The mixture is readily biodegradable.

The surfactants contained in the product comply with the biodegradability criteria established by REGULATION (EC) No. 648/2004 on detergents.

12.3 POTENTIAL FOR BIOACCUMULATION

N.D.

12.4 MOBILITY IN SOIL

N.D.

SAFETY DATA SHEET

PULY BAR IGIENIC® Professional

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

Based on the information available, the mixture does not meet the criteria for PBT and vPvB.

12.6 OTHER ADVERSE EFFECTS

No adverse effects.

13 DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

When handling, observe the necessary precautionary measures of protection (see section 6, 7, 8).

Recover if possible. Small quantities can be disposed of, after appropriate dilution with water, at sewage treatment plants, or given to companies specializing in the recovery of waste and/or industrial waste, authorized by the local authorities. Operate according to local and national regulations. Clean packaging before disposal or recycling, still operating in accordance with the legislation in force.

14 TRANSPORT INFORMATION

To contain and transport can be used jerry cans or non-metallic drums of various kind. Packaging should always be tightly closed to prevent degradation. During transport, packaging carefully stowed must be protected from sunlight and heat (keep cool as much as possible). Transport protected from the rain and bad weather (keep dry as much as possible). In case of accidental loss, follow the precautionary instructions in section 6.

NOT SUBJECT TO TRANSPORT REGULATIONS (ADR, ICAO-YOU, IATA-DGR)

15 REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS, LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Regulation no. 1907/2006/EC (Reach);

Regulation no. 1272/2008/EC (CLP);

Legislative Decree 81/2008 (Consolidated Law on the protection of health and safety in the workplace) and subsequent amendments and Directive 2009/161/EU;

Regulation 648/2004/EC on detergents, as amended;

Regulation 453/2010 (EU); rules on transport of dangerous goods by road/rail: ADR/RID Agreement.

15.2 CHEMICAL SAFETY ASSESSMENT

A chemical safety assessment was not carried out on the mixture

16 OTHER INFORMATION

Text of H-phrases quoted in section 3 of the sheet for the individual components:

H225 Highly flammable liquid and vapor

H318 Causes serious eye damage.

H318 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

The user should take all necessary measures for compliance with local, national, and European regulations.

Staff medical check: regular and preventive medical checks of personnel are required by law.

The above data is based on our current knowledge and is not considered as exhaustive or binding. It is applicable to the product as it conforms to the specifications. Our company does not assume any legal liability arising from the use of such information or reliance on it. In any case, the user is not exempted from observing all the legislative, regulatory and administrative provisions relating to the product, hygiene and safety at work. Despite the information provided here is the best in our possession at the time of last revision, we recommend to check its suitability and completeness, especially in relation to the specific use intended for the product in question. The application, use and processing of the preparation are the sole responsibility of the customer. Read the inscriptions and the labels affixed to the packaging before use.

The information contained in this sheet is in accordance with current legislation relating to dangerous substances listed in section 15.

Because of the many changes leading to this revision, all added, deleted, or modified information is not reported here, while this data sheet fully replaces all previous editions.