BULK AROMA

Safety Data Sheet

Section 1: Identification of the Substance/mixture and of the Company/undertaking

1.1 Product identifier

Trade Name:	Phenyl Ethyl Alcohol - PI-100NY
CAS No.:	60-12-8
EC No.:	200-456-2
Synonyms:	2-phenylethanol
Reach reg. no.:	01-2119963921-31-0010
OR details:	Luxcontrol SA

1.2 Relevant Identified uses of the substance or mixture and used advised against

Raw material for the manufacture of flavour and/or fragrances.

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Acute toxicity, 4	H302: Harmful if swallowed.
Eye irritation, 2	H319: Causes serious eye irritation.

2.2 Label elements

Pictogram	
Signal Word	Warning
Hazard Statements	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
Precautionary Statements	
P264	Wash skin thoroughly after handling.
P280	Wear eye protection/face protection.
P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P501	Dispose of contents/ container to an approved waste disposal plant.
Supplemental Hazard Statements	none

Reduced Labelling (<= 125 ml)

Pictogram



Signal Word	Warning
Hazard Statements	none
Precautionary Statements	none
Supplemental Hazard Statements	none

2.3 Other hazards

This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine Disrupting Properties: The substance does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 3: Composition/information on Ingredients

3.1 Substances

Main constituent	Phenyl Ethyl Alcohol - PI-100NY
Synonyms	2-Phenylethanol Benzyl carbinol
Molecular formula	C8H10O
Molecular weight	122.16 g/mol
CAS-No.	60-12-8
EC-No.	200-456-2

Component	Classification	Concentration
2-Phenylethanol		
CAS-No. 60-12-8 EC-No. 200-456-2	Acute tox. 4; Eye Irrit. 2; H302, H319	<= 100 %

Section 4: First aid measures

4.1 Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance.

If inhaled

After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

If swallowed

After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

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4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Firefighting measures

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

5.2 Special hazards arising from the substance or mixture

Emits toxic fumes under fire condition.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapours, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

6.4 Reference to other sections

For disposal see section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed.

Storage class

Storage class (TRGS 510): 10: Combustible liquids

7.3 Specific end use(s)

Raw material for the manufacture of flavour and/or fragrances.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with workplace control parameters.

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8.2 Exposure controls

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin protection

Chemical resistant protective gloves, protective clothing is recommended.

Body Protection

Protective clothing

Respiratory protection

Recommended Filter type: Filter A (acc. to DIN 3181) for vapours of organic compounds

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties

9.1 Information on basic chemical and physical properties

a) Physical state	liquid
b) Color	Clear colourless
c) Odor	Floral, Rosy
d) Melting Point/Freezing Point	-27 °C at 101 325 Pa
e) Initial boiling point and boiling range	218.8 °C at 101 325 Pa
f) Flammability (solid, gas)	No data available
g) Upper/lower flammability or explosive limits	Upper explosion limit: 11.9 %(V) Lower explosion limit: 1.4 %(V)
h) Flash point	102 °C - closed cup
i) Autoignition temperature	No data available
j) Decomposition temperature	No data available
k) pH	6 - 7 at 20 g/l at 20 °C
l) Viscosity	Viscosity, kinematic: ca.14.1 mm2/s at 20 °C - OECD Test Guideline 114 ca.6.27 mm2/s at 40 °C - OECD Test Guideline 114 Viscosity, dynamic: 7.58 mPa.s at 25 °C
m) Water solubility	17.5 g/l at 25 °C - completely soluble
n) Partition coefficient: n-octanol/water	log Pow: 1.3 at 20 °C - Bioaccumulation is not expected.
0) Vapor pressure	1.000 hPa at 217.7 °C 0,08 hPa at 20 °C
p) Density	1.02 g/cm3 at 20 °C - lit.
q) Relative vapour density	4.22 - (Air = 1.0)
r) Particle characteristics	Not applicable (liquid)
s) Explosive properties	No data available
t) Oxidizing properties	none

9.2 Other information

9.2.1 Information with regard to physical hazard classes

No data available.

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9.2.2 Other safety characteristics

Surface tension ca.59.7 mN/m at 1g/l at 20 °C - OECD Test Guideline 115

Section 10: Stability and Reactivity

10.1 Reactivity

No hazardous reactions when stored and handled as recommended.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature). Stable under recommended storage conditions.

10.3 Possibility of hazardous reaction

No data available

10.4 Conditions to Avoid

Strong heating.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In the event of fire: see section 5

Section 11: Toxicological Information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- **Acute toxicity:** LD50 Oral - Rat - male and female – 1603.3 mg/kg (OECD Test Guideline 401)
  LC50 Inhalation - Rat - 4 h - > 4.63 mg/l – aerosol (US-EPA)
  LD50 Dermal - Rabbit - 2535 mg/kg (OECD TG 402)
- **Skin corrosion/irritation:** Rabbit- Result: No skin irritation - 4 h (Remarks: ECHA)
- **Serious eye damage/eye irritation:** Rabbit- Result: Eye irritation (Remarks: ECHA)
- **Respiratory or skin sensitization:** Local lymph node assay (LLNA) - Mouse- Result: negative (OECD Test Guideline 429)
- **Germ cell mutagenicity:** Ames test chromosome aberration, in vitro mammalian cell gene mutation - All Negative
- **Additional Information:** RTECS: SG7175000. Cough, Shortness of breath, Headache, Nausea, Vomiting. After absorption: somnolence, Coma.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The substance does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2 Other information

No data available.

Section 12: Ecological Information

12.1 Toxicity

Fish LC50 (Leuciscus idus): 215-464 mg/l (96h) | Daphnia EC50: 287.17 mg/l (48h) | Algae ErC50: 1300 mg/l (72h)

12.2 Persistence and degradability

Aerobic - 14 d. Result: 93.1 % - Readily biodegradable. BOD: 1450 mg/g | COD: 2500 mg/g | ThOD: 2619 mg/g

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12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No components considered PBT or vPvB at 0.1% or higher.

12.6 Endocrine disrupting properties

The substance does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Discharge into the environment must be avoided.

Section 13: Disposal considerations

13.1 Waste treatment methods

Material and its container must be disposed of as hazardous waste in accordance with local, state, and federal regulations.

Section 14: Transport Information

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: - IMDG Marine pollutant: - IATA: -

14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

Section 15: Regulatory Information

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 as amended by Commission Regulation (EU) 2020/878.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

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Section 16: Other Information

Reference: ECHA Portal. H-Statements: H302: Harmful if swallowed. H319: Causes serious eye irritation.
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The above information is believed to be correct but does not claim to be all-inclusive and should be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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