

PHENYL ETHYL ALCOHOL

01 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product name : PHENYL ETHYL ALCOHOL
Product Code : 1000000041
Intended use : Perfumery and Flavor Ingredient

Company : Eternis Fine Chemicals Ltd.(Formerly Hindustan polyamides and Fibres Ltd.
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02 - HAZARDS IDENTIFICATION

Hazard Symbol : Xi
Risk Phrase : R 36
Hazard pictograms : GHS07
Hazard statements :H319,H302
Precautionary statements : P280,P264,P361,P404,P501,P305+P351+P338 ,
P337+P313+P302+P352
Single Word : Warning

03 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name : 2-Phenyl Ethyl Alcohol
Synonyms : Phenethylalcohol, beta-Phenyl ethanol , 12-Oxy-I-ethylbenzol, Benzylcarbinol,beta-Hydroxy ethylbenzene,2-Phenylethylalcohol,Mellol Gallicol,Phenarose,Phenethylol,P.E.A.
Formula : C₈ H₁₀O
Molecular weight : 122
CAS Number : 60-12-8

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EINECS/ELINCS No.: 200-456-2
FEMA : 2858
FDA Reg. : 172.515
CoE No. : 68
HS Code : 29062920
Flevis No. : 02.019

04 -FIRST-AID MEASURES

Inhalation : Remove to fresh air. Oxygen or artificial respiration if needed. Call a physician or poison control center immediately.

Eye Exposure : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin Exposure : Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists.

05 -FIRE-FIGHTING MEASURES

Extinguishing Media : Carbon dioxide, Dry Chemical, foam, water spray , Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Specific hazards during fire fighting: As the product contains combustible organic ingredients, fire will produce dense black smoke containing hazardous products of combustion .

Precautions for fire-fighters

Special protective equipment for fire-fighters : Use personal protective equipment.

06 -ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

Environmental precautions : Do not discharge product into the aquatic environment without pretreatment (biological treatment plant).

Methods and materials for containment and cleaning up
Methods for cleaning up : Clean-up methods - small spillage

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand,

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earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations
Clean-up methods - large spillage
Large spills should be collected mechanically (remove by pumping) for disposal.

07 -HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling : Keep container closed when not in use.
Conditions for safe storage, including any incompatibilities
Requirements for storage areas and containers :
Ensure that eyewash stations and safety showers are close to the workstation location.
Ensure adequate ventilation, especially in confined areas.

08 -EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure limits:
Contains no substances with occupational exposure limit values.

Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water ,Tightly fitting safety goggles wear face-shield and protective suit for abnormal processing problems..

Skin protection : Impervious clothing choose body protection according to the amount and concentration of the dangerous substance at the work place.

Environmental exposure controls :
Prevent further leakage or spillage if safe to do so.

09 -PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Color	: Colorless
Odour	: Mild and warm, Rose-Honey like odor.
Boiling point (°C)	: 218.8 at 760 mm Hg
Melting point (°C)	: -27
Flash point (°C)	: 96
Auto-ignition temp. (°C)	: 442

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Vapor pressure (KPa) : 10 at 143.6°C.
Specific gravity (25/25 °C) : 1.178
Water solubility (g/L) : 20 at 25°C
Partition coeff. (log Pow) : 0.8 OECD 117

10 -STABILITY AND REACTIVITY

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11 -TOXICOLOGICAL INFORMATION

Oral LD₅₀ : Rat – 1609.3 mg/kg
Dermal LD₅₀ : Rabbit - 2535 mg/kg
Skin Irritation : No irritation : Rabbit, 4 hrs
Skin Sensitization : No sensitisation

12 -ECOLOGICAL INFORMATION

LC₅₀ for Fish : >215 to <464 mg/L, 96 h,
EC₅₀ for Daphnia : 287.17 mg/L, 48 h,
LC₅₀ Algae : 1.3 g/L, 72 h,
Biodegradability : Readily biodegradable (OECD 301 B)

13 -DISPOSAL CONSIDERATIONS

Dispose according to local regulations. Avoid disposing into drainage systems and into environment.

14 -TRANSPORT INFORMATION

RID/ADR Not Regulated
IMDG Not Regulated
ICAO/IATA Not Regulated

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Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P361: Take off immediately all contaminated clothing
P404: Store in a closed container.
P501: Dispose of contents/container to ...

Single Word: Warning

Relevant Regulations:-

- Classification, labelling and packaging of substances and mixtures Regulation EC 1272/2008.
- Dangerous Substances Directive 67/548/EEC, currently at 8th Amendment and 29th Adaptation
- Dangerous Preparations Directive 1999/45/EC, currently at 2nd Adaptation
- Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) Regulation 1907/2006
- Cosmetics Directive 76/768/EEC, currently at 7th Amendment and latest Adaptation 2006/65/EC
- NFPA and HMIS
- GHS Rev.18

16 -OTHER INFORMATION

This chemical substance is not classified in the Annex I of Directive 67/548/EEC

NFPA rating : Health – 1 Flammability- 1 Reactivity - 0

HMIS rating : Health – 1 Flammability -1 Physical Hazard: - 0
Physical protection – B

.DISCLAIMER :

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