

DIPHENYLAMINE, AR GARDE

SECTION 1: PRODUCT IDENTIFICATION

Product Name: DIPHENYLAMINE , AR GRADE

Product Code: 1849

CAS#: 122-39-4

CI#: Not available

Synonym: DIPHENYLAMINE , AR GRADE

Chemical Name: Not available

Chemical Formula: C₁₂H₁₁N

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Synonyms: : DIPHENYLAMINE , AR GRADE

Formula: C₁₂H₁₁N

Molecular Weight:169.22

CAS-No.: 122-39-4

EC-No.: 204-539-4

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 3), H301

Skin irritation (Category 2), H311

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 2), H373

For the full text of the H-Statements mentioned in this Section, see Section 16.

Other hazards - none

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in. Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact Wash off with soap and plenty of water. Consult a physician.

In case of eye contact Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delay No data available

Indication of any immediate medical attention and special treatment needed no data available

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Water Foam Carbon dioxide (CO₂) Dry powder

Special hazards arising from the substance or mixture Carbon oxides, nitrogen oxides (NO_x), Hydrogen chloride gas, Sodium oxides

Advice for firefighters Wear self contained breathing apparatus for firefighting if necessary.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions Do not let product enter drains.

Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes. Work under hood. Do not inhale substance/mixture.

Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Light sensitive. Moisture sensitive. Store under inert gas.

Specific end use(s) A part from the uses no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Control of environmental exposure Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	White to transparent crystal
Odor	:	Not available
Color	:	Dark Green
Molecular Weight	:	Not available
pH	:	Not available
Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not available
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Ionicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity no data available

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions no data available

Conditions to avoid: Avoid moisture.

Incompatible materials Strong oxidizing agents

Hazardous decomposition products **Other decomposition products** - no data available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects estimate Oral - 100,1 mg/kg

Inhalation: no data available

Dermal: 300 mg/kg

Skin corrosion/irritation no data available

Serious eye damage/eye irritation no data available

Respiratory or skin sensitization no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity no data available

Specific target organ toxicity – no data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: LC50 - Pimephales promelas (fathead minnow) - 3,79 mg/l - 96,0 h LC50 - Oryzias latipes (Orange-red killifish) - 2,2 mg/l - 48 h Remarks: (IUCLID)

Persistence and degradability: aerobic (OECD Test Guideline 301D)

Bioaccumulative potential: Cyprinus carpio (Carp)(diphenylamine) , Bioconcentration factor (BCF): 253

Mobility : no data available

Results of PBT and vPvB assessment **PBT/vPvB assessment** : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

Other adverse affects no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number: 2811

ADR/RID:

IMDG: 2811

IATA: 2811

UN proper shipping name

ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (diphenylamine) **IMDG:** TOXIC SOLID, ORGANIC, N.O.S. (diphenylamine) **IATA:** Toxic solid, organic, n.o.s. (diphenylamine)

Transport hazard class(es)

ADR/RID: 6.1

IMDG: 6.1

IATA: 6.1

Packaging group:

ADR/RID: III

IMDG: III

IATA: III



Environmental hazards:

ADR/RID: yes

IMDG Marine pollutant: Yes

IATA: No

SECTION 15: REGULATORY INFORMATION

Regulatory information This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture no data available

Chemical Safety Assessment For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements.

H301 Toxic if swallowed.

H301 + H311 + Toxic if swallowed, in contact with skin or if inhaled.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose