



MATERIAL SAFETY DATA SHEET

DIPHENYLACETIC

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:
DIPHENYLACETIC ACID, 99+%

Catalog Numbers: 11715-0000, 11715-0050, 11715-1000, 11715-5000

Synonyms:
Un Listed

Company Information:
LEONID CHEMICALS
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb
Ashokpuram School Road
Bangalore-560 022, Karnataka, INDIA
Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

| | | |
|----------------|---|---------------------------|
| CAS # | : | 117-34-0 |
| Chemical Name | : | DIPHENYLACETIC ACID, 99+% |
| % | : | 99+ % |
| EINECS# | : | 204-185-0 |
| Hazard Symbols | : | XI |
| Risk Phrases | : | 36/38 |

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Irritating to eyes and skin.

Potential Health Effects

Eye:
Causes eye irritation.
Skin:
Causes skin irritation.
Ingestion:
May cause irritation of the digestive tract.
Inhalation:
May cause respiratory tract irritation.
Chronic:
Not available.

SECTION 4- FIRST AID MEASURES

Eyes:
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and

lower eyelids. Get medical aid.

Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure and move to fresh air immediately.

Notes to Physician:

Un Listed

SECTION 5- FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

SECTION 6- ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

SECTION 7 - HANDLING and STORAGE

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry place. Keep container closed when not in use.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment :

Eyes:

Wear safety glasses and chemical goggles if splashing is possible.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---------------------------|---|-----------------------|
| Physical State | : | Crystalline powder |
| Color | : | white - cream |
| Odor | : | Not available. |
| Ph | : | Not available. |
| Vapor Pressure | : | Not available. |
| Viscosity | : | Not available. |
| Boiling Point | : | Not available. |
| Freezing/Melting Point | : | 146.00 - 149.00 deg C |
| Autoignition Temperature | : | Not available. |
| Flash Point | : | Not available. |
| Explosion Limits, lower | : | Not available. |
| Explosion Limits, upper | : | Not available. |
| Decomposition Temperature | : | Un Listed |
| Solubility in water | : | soluble in hot water |
| Specific Gravity/Density | : | Un Listed |
| Molecular Formula | : | C14H12O2 |
| Molecular Weight | : | 212.25 |

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Not available.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide.

Polymerization:

Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 117-34-0: Ah2515000

LD50/LC50:

CAS# 117-34-0: Oral, mouse: LD50 = 3200 mg/kg; Oral, rat: LD50 = 5540 mg/kg.

Carcinogenicity:

DIPHENYLACETIC ACID, 99+% -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

SECTION 12 - ECOLOGICAL INFORMATION

No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations

SECTION 14 - TRANSPORT INFORMATION

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

SECTION 15 - REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XI

Risk Phrases:

R 36/38 Irritating to eyes and skin.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 117-34-0: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 117-34-0 is listed on Canada's DSL List.

CAS# 117-34-0 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits :

US FEDERAL

TSCA:

CAS# 117-34-0 is listed on the TSCA inventory.

SECTION 16 - ADDITIONAL INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.