

Section 1 – Identification of Substance

- Product details: Pthalate plasticizers
- Name: DINP

Section 2 – Composition/Data on Components

- Chemical characterization: Pthalate Ester
- Chemical Formula: $C_6H_4(COOC_9H_{19})_2$
- Chemical Name: DIISONONYL PHTHALATE
- CAS NO. : 28553-12-0

Section 3 – First Aid Measures

General information: change clothes immediately

After inhalation: Supply fresh air; consult doctor in case of symptoms

After skin contact: Instantly wash with water and soap and rinse thoroughly

After eye contact: Rinse opened eye for several minutes under running water

After swallowing: In case of persistent symptoms consult doctor

Section 4 – Fire Fighting Measures

- Suitable extinguishing agent: CO2 extinguishing power of water jet. Eight larger fires with water jet or alcohol foam.
- Protective equipment: Put on breathing apparatus
- Additional information: Cool endangered containers with eater supply spray jet
- Flash point: >200°C
- Autoflammability: 380°C

Section 5 – Accidental Release Measures

- Person – related safety precaution: Not required
- Measures for environmental protection: Do not allow product to reach sewage system or water bodies
- Measures for cleaning/collecting: Absorb with liquid – binding material (sand, diatomite, acid binders, universal binders, sawdust)
- Additional information: No dangerous materials are released

Section 6 – Handling and Storage

Handling:

- Information for safe handling: No special measures required
- Information about protection against explosion and fires: No special measures required
- Storage
- Requirements to be met storerooms and condition
- Store in cool location
- Store only in unopened original containers
- Information about storage in one common storage facility
- Storage away from oxidizing agents
- Further information about storage condition
- Store in cool, dry condition in well sealed containers

Section 7 – Exposure Controls and Personal Protection

- Additional information about design of technical system:
No further data; see item No. 7
Components with critical value that require monitoring at the work place:
Not required.
Additional information
The lists that were valid during the compilation were as basis.
Personal protective and hygienic measures
The usual precautionary measures should be adhered to in handling the chemicals.
Breathing equipment: no required
Protection of hand: protective gloves.
Eye protection: tightly sealed safety glasses
Body protection: protective work clothing

Section 8 – Physical and Chemicals Properties

From: Liquid
Color: clear liquid
Smell: characteristic
Change in condition:
Melting point / melting range: Not applicable
Boiling point / boiling range: 251° C (7 mbar)
Danger of explosion: product is not explosive

Specific Gravity @ 25°C / 25°C : 0.973
Solubility in / miscibility with water : Insoluble

Section 9 – Stability and Reactivity

Condition to be avoided.

No decomposition if used according to specification.

Dangerous reaction: Reacts with oxidizing agents.

Dangerous products of decomposition: None

Designations according to EC guidelines.

The material is not subject to classification according to EC lists and other sources of literature known to us.

The product is not subject to identification regulations under EC

Directives and the ordinance on Hazardous materials.

Observe the normal safety regulation when handling chemicals.

Section 10 – Toxicological Information

Primary irritant effect;

On the skin: no irritant effect

On the eye: No irritant effect

Sensitization: No sensitizing Know

Additional toxicological information

When used and handled according to specification, the product does not have any harmful affect according to our experience and the information provided us.

Section 11 – Ecological Information

General notes:

Water hazard class 2 (self- assessment): hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

Section 12 – Disposal Consideration

Product Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulation

Empty contaminated packaging thorough. They can be recycled after thorough and proper cleaning.

Packaging that cannot be cleaned are to disposed of in the same manner as the product.

Section 13 – Transport Information

Transport / additional information: not dangerous according to the above specification.

Section 14 – Other Information

These data are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.