

Printing date 12/13/2007

Reviewed on 12/07/2007

## 1 Identification of substance

- **Product details**

- **Trade name:** **BUDIT 6 H**

- **Application of the substance / the preparation** Additional component

- **Manufacturer/Supplier:**

Chemische Fabrik Budenheim KG  
Rheinstr.27  
D-55257 Budenheim  
Germany  
Tel. ++49 6139 89414

- **Information department:** Health and safety officer, Tel.: +49 (0) 6139-89261

- **Emergency information:**

Giftinformationszentrum (GIZ) / Toxicinformation centre : Mainz (Germany) +49(0) 6131-19240  
from USA: 011 49 6131-19240  
[www.giftinfo.uni-mainz.de](http://www.giftinfo.uni-mainz.de)

## 2 Composition/Data on components

- **Chemical characterization:**

- **CAS No. Description**

68915-31-1 Polyphosphoric acids, sodium salts

- **Identification number(s)**

- **EINECS Number:** 233-782-9

- **Additional information:** E 452

## 3 Hazards identification

- **Hazard description:** Not applicable.

- **Information pertaining to particular dangers for man and environment:** Not applicable.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

- **WHMIS-ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

## 4 First aid measures

- **General information:** No special measures required.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye under running water for at least 15 minutes, keeping eyelids open.

- **After swallowing:** If symptoms persist consult doctor.

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### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### \* 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
Butyl rubber, BR  
Nitrile rubber, NBR  
Rubber gloves  
Neoprene gloves
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

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## 9 Physical and chemical properties

### · General Information

**Form:** Powder  
**Color:** White  
**Odor:** Odorless

### · Change in condition

**Melting point/Melting range:** 550°C (1022°F)  
**Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Product is not flammable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined.

· **Bulk density:** 1000 g/l

### · Solubility in / Miscibility with

**Water at 20°C (68°F):** 600 g/l

· **pH-value (10 g/l) at 20°C (68°F):** 5-6

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** not known

## 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**  
Oral LD50 7400 mg/kg (rat)
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.  
The substance is not subject to classification.

## 12 Ecological information

- **Behavior in environmental systems:**
- **Other information:** Inorganic salts are not biologically degradable
- **Ecotoxicological effects:**
- **Acquatic toxicity:**  
Oral EC0 800 mg/l (bacteria)  
LCO/48h > 1600 mg/l (golden orfe)

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- **General notes:** Do not allow product to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** No dangerous goods
- **Maritime transport IMDG:**
- **IMDG Class:** No dangerous goods
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** No dangerous goods

### 15 Regulations

- **Sara**
- **Section 355 (extremely hazardous substances):** Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** Substance is not listed.
- **TSCA (Toxic Substances Control Act):** Substance is listed.
- **Proposition 65**
- **Chemicals known to cause cancer:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:** Substance is not listed.
- **Chemicals known to cause developmental toxicity:** Substance is not listed.
- **Carcinogen categories**
- **EPA (Environmental Protection Agency)** Substance is not listed.
- **IARC (International Agency for Research on Cancer)** Substance is not listed.
- **NTP (National Toxicology Program)** Substance is not listed.
- **TLV (Threshold Limit Value established by ACGIH)** Substance is not listed.
- **MAK (German Maximum Workplace Concentration)** Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)** Substance is not listed.
- **Product related hazard informations:**  
The substance is not subject to classification according to the sources of literature known to us.  
Observe the general safety regulations when handling chemicals.
- **National regulations:**
- **Water hazard class:**  
WGK 1 (classification at appendix 3, German regulation) : slightly hazardous for water.

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**Material Safety Data Sheet**  
*acc. to ISO/DIS 11014*

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**16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing MSDS:** Department environment protection
- **Contact:** Mr. Reinhard Benkner
- **\* Data compared to the previous version altered.**

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