

## 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** INTRASIT UT 18L
- **Article number:** 50139 B
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation**  
Solvent-free, universal concrete release agent for absorbent and non-absorbent formwork
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Heinrich Hahne GmbH & Co. KG  
Heinrich-Hahne-Weg 11  
45711 Datteln Tel.: 02363/5663-0
- **Further information obtainable from:**  
Abteilung: Produktsicherheit  
Tel.: 02363 5663-0  
EMail: info@hahne-bautenschutz.de
- **Emergency telephone number:**  
Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen,  
Tel.: 0551-19240

## 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Xn Harmful
- **Information concerning particular hazards for human and environment:**  
R 65 Harmful: may cause lung damage if swallowed.  
R 66 Repeated exposure may cause skin dryness or cracking.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

GISCODE: BTM 20

- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:** Distillates (petroleum), chemically neutralized light
- **Risk phrases:**  
65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking.
- **Safety phrases:**  
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

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- 24/25 Avoid contact with skin and eyes.  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 36/37 Wear suitable protective gloves and protective clothing.  
 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

· **Other hazards**

- Avoid oil mist.  
 Do not discharge product into the environment.  
 Not readily biodegradable.



· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.  
 · **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**  
 · **Description:** Mixture of mineral oils

· **Dangerous components:**

CAS: 64742-31-0	Distillates (petroleum), chemically neutralized light	50-100%
EINECS: 265-132-5	 Xn R65	
	 Asp. Tox. 1, H304	

### 4 First aid measures

- **Description of first aid measures**  
 · **After inhalation:** Supply fresh air; consult doctor in case of complaints.  
 · **After skin contact:**  
 Immediately wash with water and soap and rinse thoroughly.  
 Remove contaminated clothing and wash affected skin with soap and water.  
 With penetration of a product by high pressure under the skin, seek medical attention immediately.  
 · **After eye contact:**  
 15 minutes immediately rinses eyelids apart songs with running water and consult a doctor.  
 · **After swallowing:**  
 Drink plenty of water and provide fresh air. Call for a doctor immediately.  
 Do not induce vomiting.  
 Aspiration may occur directly or as a result of ingestion.  
 This could result in chemical pneumonitis.  
 · **Information for doctor:**  
 · **Most important symptoms and effects, both acute and delayed** No further relevant information available.  
 · **Indication of any immediate medical attention and special treatment needed**  
 No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**  
 · **Suitable extinguishing agents:**  
 Use fire extinguishing methods suitable to surrounding conditions.  
 Foam, powder, carbon dioxide, sand or earth.  
 · **For safety reasons unsuitable extinguishing agents:** Water with full jet.  
 · **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Affected area thoroughly ventilated.  
Avoid skin contact.
- **Environmental precautions:**  
Do not allow to enter sewers/ surface or ground water.  
Spreading or entering into drains.  
Penetration into the drainage prevented by making a barrier with sand, earth or other appropriate barriers.  
Case of escapes into surface waters, in drainage networks or underground competent authorities.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.  
In a labeled container shovel and dispose in accordance with local regulations.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.  
When using do not eat or drink.  
Avoid spillage of product.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Keep container tightly closed and store in a well-ventilated place.
- **Information about storage in one common storage facility:** Do not store with strong oxidizing agents.
- **Further information about storage conditions:**  
Recommended materials:  
Steel and polyethylene and HD for storage containers.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.

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- **Respiratory protection:**  
Under normal circumstances, is not necessary.  
Use If oil mist respirator with organic vapor cartridge and particulate filter.
- **Protection of hands:**  
Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
Gloves safety point if permitted. Otherwise, protective skin cream.
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
PVC, nitrile rubber
- **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles if splashing is possible.
- **Body protection:** Avoid skin contact. Wear overalls as protective clothing.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	colorless
<b>Odour:</b>	Characteristic
- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
- **Flash point:** 139°C
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** 0.86 g/cm<sup>3</sup>
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Other information** No further relevant information available.

## 10 Stability and reactivity

- **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:** Strong oxidizers

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· **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** Slight irritation of the skin possible repeated exposure.

· **on the eye:** Slightly irritating.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

Effects after repeated or prolonged exposition (subacute to chronic toxicity):

Repeated or prolonged skin contact may cause defatting of the skin and dermatitis. The skin can become sensitive to other irritants.

Carcinogenic, mutagenic and reproductive toxic hazardous effect:

The product is based on a Mineral oil, which has been shown in animal studies no carcinogenic potential.

The other additives are not known to be carcinogenic.

· **Acute effects (acute toxicity, irritation and corrosivity)**

Inhalation can cause irritation of the bronchial tubes and lungs, in severe cases, lead to pulmonary edema and pneumonia, and cause disorders of the central nervous system. The toxicological information is based on the toxicology of similar products and the toxicological data of the individual components.

### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability**

Product under the conditions of typical test procedure not completely biodegradable.

· **Behaviour in environmental systems:**

· **Components:**

Floats on water.

Is in liquid form.

Will adsorb to soil particles.

Product can accumulate in organisms.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Do not discharge product into the environment.

· **Additional ecological information:**

· **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

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

Dispose to licensed disposal company.

· **European waste catalogue**

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
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- **Uncleaned packaging:**
- **Recommendation:**  
Empty container completely.  
Dispose to licensed disposal company.
- **Recommended cleansing agents:** Cleaning by recycling.

### 14 Transport information

· <b>UN-Number</b>	-
· <b>UN proper shipping name</b>	-
· <b>Transport hazard class(es)</b>	-
· <b>Packing group</b>	-
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not regulated under UN, IMO, ADR / RID and IATA / ICAO

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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.*

- **Relevant phrases**  
H304 May be fatal if swallowed and enters airways.
- **Abbreviations and acronyms:**  
R65 Harmful: may cause lung damage if swallowed.
- **Abbreviations and acronyms:**  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals