

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** INTRASIT B2 18L
- **Article number:** 51149 B
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Solvent-free, skin- and material-friendly concrete release agent for steel, plastic and wood formwork
- **1.3 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
- **1.4 Emergency telephone number:**
Gif tinformati onszen trum Nord (GIZ Nord) Universit ät Göttingen,
Tel.: 0551-19240

SECTION 2: Hazards identification

- **2.1 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** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Additional information:**
The product is due to its viscosity of $<20.5 \text{ mm}^2/\text{s}$ at $40 \text{ }^\circ\text{C}$ classified as a hazardous material.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labelling:**
weisses Mineralöl (Erdöl)
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)
- **Hazard statements**
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.

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- P302+P352 IF ON SKIN: Wash with plenty of soap and water.*
- **Information concerning particular hazards for human and environment:**
A health hazard is not expected when used under normal conditions.
Prolonged or repeated contact with skin can cause disorders such as oil acne / folliculitis. If swallowed or vomited may cause aspiration into the lungs, chemical pneumonitis which can be fatal.
Not classified as flammable but will burn.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Highly refined mineral oils and additives.
- **Dangerous components:** Void

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Remove contaminated clothing immediately.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Administer medicinal carbon.
Do not induce vomiting; call for medical help immediately.
Call a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Foam
Sand
Fire-extinguishing powder
Water spray
Water haze
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Sulphur dioxide (SO2)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Exposed containers with water spray.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with spilled material. Extreme Slippery when spilled. Clean up immediately.
- **6.2 Environmental precautions:**
Do not allow to penetrate the ground/soil.
Prevent from spreading (e.g. by damming-in or oil barriers).
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections** No dangerous substances are released.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid oil mist.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Storage class:** Storage class 10
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

8042-47-5 weisses Mineralöl (Erdöl)
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%) (50-100%)
Oil mist 8 hours 5 TWA, 5 h

- **Additional information:**

The lists valid during the making were used as basis.
Aerosols 5mg (evaluation of mineral concentrations in the atmosphere at the workplace / Analysis Method 07292 BG) monitoring procedures pursuant to select the conditions laid down by national authorities or collective agreements instructions.

If none of these signs are present, the direct smoke / dust exposure can be assessed by the active personal air sampling in the breathing zone (z. B. NIOSH Method 5042, UK HSE MDHS 14/3).

- **8.2 Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

- **Respiratory protection:**

Breathing apparatus only if aerosol or mist formation.

Respiratory protection when aerosol or mist formation: mask with filter type A2, A2 / P2 or ABEK use.

If required, approved respiratory protection equipment is in the handling of hot products in enclosed spaces shall be used: closed face mask with filter cartridge / filter type "A" or self-contained breathing apparatus.

If the level of exposure can be estimated or determined with sufficient certainty not, or if an oxygen deficiency is possible, only ambient air breathing apparatus should be used.

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· **Protection of hands:**

Oil resistant 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

· **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.

Nitrile rubber, polychloroprene, PVC

· **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:** If splashing is anticipated, a face shield or goggles should be used.

· **Body protection:** Oil resistant protective clothing

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Fluid
Colour:	Light yellow
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: -15 °C

Boiling point/Boiling range: Undetermined.

· **Flash point:** 150 °C

· **Self-igniting:** Product is not selfigniting.

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

· **Density at 20 °C:** 0.88 g/cm³

· **Solubility in / Miscibility with water:** Insoluble.

· **Viscosity:**

Dynamic: Not determined.
Kinematic at 20 °C: 8 mm²/s (ISO 3104)

· **Solvent content:**

Organic solvents: 0.0 %

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity**

· **10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

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- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effects known.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:**
The product is slightly soluble in water. It can be caused by abiotic processes, such as mechanical separation are largely eliminated from the water.
The product is biochemically degradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Do not discharge product unmonitored into the environment.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Recommendation**
Contact., Please contact your local waste management company or the competent authority, where to get information on the use or disposal
 - **European waste catalogue**
- | | |
|----------|--|
| 08 01 12 | waste paint and varnish other than those mentioned in 08 01 11 |
|----------|--|
- **Uncleaned packaging:**
 - **Recommendation:**
Contaminated packaging should be emptied as far as they can then be added after thorough and proper cleaning.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** Void

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· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not classified as dangerous in the meaning of transport regulations.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 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.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 Asp. Tox. 1: Aspiration hazard, Hazard Category 1