Safety data sheet
according to 1907/2006/EC, Article 31

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

· **1.1 Product identifier**

· **Trade name: INTRASIT UT 18L**

· **Article number:**
40169
UFI: YQ7K-53EF-F00G-51R8
· **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, universally applicable concrete release agent for absorbent and non-absorbent formwork.

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Sievert Baustoffe GmbH & Co. KG
Mühleneschweg 6
D-49090 Osnabrück
Tel.: +49 2363 5663-0

· **Further information obtainable from:**
Abteilung: Produktsicherheit
Tel.. +49 2363 5663-0
info-hahne@sievert.de
· **1.4 Emergency telephone number:**
Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen,
Tel.: 0551-19240

SECTION 2: Hazards identification

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

health hazard

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

· **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:**
Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum), heavy hydrocracked
· **Hazard statements**
H304 May be fatal if swallowed and enters airways.
· **Precautionary statements**
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

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P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 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.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**
· **Description:** Mixture of mineral oils

· **Dangerous components:**		
CAS: 64742-55-8 EINECS: 265-158-7	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	50-100%
CAS: 64741-76-0 EINECS: 265-077-7	Distillates (petroleum), heavy hydrocracked Asp. Tox. 1, H304	25-50%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **After inhalation:**
Move the exposed person to a quiet and well-ventilated place, if this is for sure: In case of symptoms due to the inhalation of product fumes, mist or vapors.
If symptoms persist, call a physician breath. If the victim is unconscious, and if the person is breathing, place in the recovery position. If necessary, give oxygen.
Inhalation is unlikely due to the low vapor pressure of the substance at room temperature.
Symptoms: Irritation of the respiratory tract due to excessive smoke, mist or vapor exposure.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Immediately wash with water and soap and rinse thoroughly.
Repeated exposure may cause skin dryness or cracking.
Contaminated clothing and shoes.
If irritation, swelling or redness develops or persists, seek medical attention.
When using high pressure equipment / systems may lead to an injection of the product.
If injured by high pressure a doctor immediately. Do not wait for symptoms to develop.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
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.
· **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.

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SECTION 5: Firefighting measures

· **5.1 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.
· **5.2 Special hazards arising from the substance or mixture**
Incomplete combustion is likely to lead to a complex mixture of solid and liquid particles, gases including carbon monoxide in air + unknown organic and inorganic
Compounds.
· **5.3 Advice for firefighters**
· **Protective equipment:**
For a large fire or in confined or poorly ventilated spaces your resistant protective clothing and a self-contained breathing apparatus with full face mask must be worn in compressed air operation.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Contaminated area thoroughly ventilate.
Avoid contact with skin. Work helmet. Anti-static, anti-skid safety shoes or boots.
Small spills: Normal antistatic working clothes are usually adequate. Large spillages: full body suit made of chemically resistant and antistatic material.
Work gloves with adequate chemical resistance, particularly to aromatic hydrocarbons.
Goggles and / or face shield if splashing or contact with the eyes is possible or expected.
If the situation can not be fully assessed or if an oxygen deficiency is possible, only air breathing apparatus should be used. Respiratory protection is only in special cases (eg fog) are required.
· **6.2 Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Not / groundwater into drains / surface water.
Prevent further leakage or spillage and prevent from entering drains.
Penetration into the drainage prevented by making a barrier with sand, earth or other appropriate barriers.
Notify me of escapes into surface waters, drainage or underground competent authorities.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Shovel into a suitable clearly marked container and dispose of in accordance with official regulations.
· **6.4 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.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
When using do not eat or drink.
Avoid spillage of product.
· **Information about fire - and explosion protection:** No special measures required.

· **7.2 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.

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· **Further information about storage conditions:**
Keep container tightly sealed.
Recommended materials:
Steel and polyethylene and HD for storage containers.
· **Storage class:** 10
· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 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.
Aerosols 5mg (assessment of mineral concentrations in the workplace air / Analysis Method BG 07292).
Monitoring procedures are in accordance with the conditions laid down by national authorities or collective agreements
To choose instructions.
If no such signs exist, the direct smoke / dust exposure by personal active air sampling are evaluated in the breathing zone (for example, NIOSH Method 5042, UK HSE MDHS 14/3).

· **8.2 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.
· **Respiratory protection:**
Under normal circumstances, is not necessary.
Use If oil mist respirator with organic vapor cartridge and particulate filter.
· **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Wear protective gloves made of the following materials: NBR (nitrile), Neoprene or Viton permeationslevel 5-6, min. II according. EN 388
Gloves should be regularly inspected and replaced in case of wear, holes or impurities.
Use barrier 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.
· **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.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Fluid
Colour:	yellowish
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.

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· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
· **Flash point:**	180 °C
· **Flammability (solid, gas):**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **Auto-ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapour pressure:**	Not determined.
· **Density at 20 °C:**	0.86 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with water:**	Not miscible or difficult to mix.
· **Partition coefficient: n-octanol/water:**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic at 40 °C:	9 mm²/s (DIN 51562)
· **9.2 Other information**	No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:**
Contact with strong oxidizing agents (peroxides, chromates, etc.) can lead to a fire hazard.Strong oxidizers
· **10.6 Hazardous decomposition products:**
Excessive heating above the maximum recommended temperature for the handling and storage may cause degradation of the material and the formation of irritating fumes and smoke.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.
· **Primary irritant effect:**
· **Skin corrosion/irritation** Not an irritant.
· **Serious eye damage/irritation** Not an irritant.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **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.

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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.
· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure** Based on available data, the classification criteria are not met.
· **Aspiration hazard**
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **12.2 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.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· **Ecotoxical 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
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **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**
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

· **Uncleaned packaging:**
· **Recommendation:**
Empty container completely.
Emptied container just cut, weld, drill, burn or incinerate when they were cleaned and declared safe.
Empty containers may contain flammable product residues.
Emptied, reuse uncleaned container for any other purpose.

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· **Recommended cleansing agents:** Cleaning by recycling.

SECTION 14: Transport information

· **14.1 UN-Number**	
· **ADR, IMDG, IATA**	Void
· **14.2 UN proper shipping name**	
· **ADR**	Void
· **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:**	
· **Marine pollutant:**	No
· **14.6 Special precautions for user**	Not applicable.
· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.
· **Transport/Additional information:**	Not regulated under UN, IMO, ADR / RID and IATA / ICAO
· **UN "Model Regulation":**	Void

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **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.

· **Relevant phrases**
H304 May be fatal if swallowed and enters airways.
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international 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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Asp. Tox. 1: Aspiration hazard – Category 1