

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

Printing date 16.05.2013

Revision: 20.02.2013

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

- **Product identifier**
- **Trade name:** INTRASIT SP 10A
- **Article number:** 50113 B
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation**
Solvent-free, colourless repair solution for treating mineral substrates affected by salts
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Meffert AG
Sandweg 15
D-55543 Bad Kreuznach
-
- Tel.: +49 (0)671 / 870-0
Fax: +49 (0)671 / 870-397
- **Further information obtainable from:**
Abt. Forschung und Entwicklung
Ansprechpartner: E-Mail: SDB@meffert.com
- **Emergency telephone number:**
Abt. Forschung und Entwicklung
Tel.: +49 (0)671 / 870-327 Mo-Fr 7.30 - 20.00Uhr, Sa 9.00-20.00 Uhr

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
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- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Other hazards** The product is alkaline.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Aqueous potassium silicate solution
- **Dangerous components:** Void

4 First aid measures

- **Description of first aid measures**
- **General information:** Remove contaminated clothing immediately.
- **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:** Scavenging the mouth and drink plenty of water and seek medical advice.
- **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.

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5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Not applicable, product is not flammable.
Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special precautions necessary.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
Avoid contact with eyes and skin.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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** Open container with care and handling.
- **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.
Only approved steel and plastic containers.
Protect from frost.
- **Information about storage in one common storage facility:**
Store away from acids, food and beverage products.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** Storage category: 12
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

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· 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**Rubber gloves with cotton lining fabric.***· 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.***· Eye protection:** Safety glasses

9 Physical and chemical properties

· Information on basic physical and chemical properties**· General Information****· Appearance:****Form:** Fluid**Colour:** Blue**· Odour:** Characteristic**· pH-value at 20°C:** 11**· Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** 100°C**· Flash point:** Not applicable.**· Self-igniting:** Product is not selfigniting.**· Danger of explosion:** Product does not present an explosion hazard.**· Vapour pressure at 20°C:** 23 hPa**· Density at 20°C:** 1.1 g/cm³**· Solubility in / Miscibility with****water:** Fully miscible.**· 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:***Reaction with acids: heat.**Reaction with metals (eg Al, Zn): thermal and hydrogen evolution***· Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** slightly irritating, does not require labeling
- **on the eye:** slightly irritating, does not require labeling
- **Sensitization:** No irritant effect.
- **Additional toxicological information:**
According to the available data, and because of toxicological evaluation, the product is not classified as hazardous.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Other information:**
Based on the raw materials contained in the product and / or comparable substances results in the following ecological assessment:
Peristenz and degradability:
not affected, inorganic product
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Acute toxicity to fish: LC50 > 100 mg product / l
Acute bacterial toxicity: EC50 > 100 mg product / l
If acidic or alkaline products into sewage systems, make sure that exceeds the discharged wastewater to a pH range of 6-10 or not, since the pH value may cause disturbances in sewers and wastewater treatment plants.
Parent The local discharge standards.
- **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.
- **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**
 - **European waste catalogue**
- | | |
|----------|--------------------------------|
| 06 02 99 | wastes not otherwise specified |
|----------|--------------------------------|
- **Uncleaned packaging:**
 - **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **UN-Number** -

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

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.
- **Other regulations, limitations and prohibitive regulations**
according to Directive 2004/42 / EC cat. A / h, max. 10 g / l
- **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.

- **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)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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