

SAFETY DATA SHEET

ALSAN 178 S

Version: 1234a

Review date: 08/03/2016

RE EC/830/2015 - ISO 11014-1

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Product identifier: ALSAN 178 S
1. 1. 1. Contains:
 - Cement Portland
 - calcium oxide
1. 1. 2. EC number: Not applicable.
1. 2. Relevant identified uses of the substance or mixture and uses advised against: sand
1. 3. Details of the supplier of the safety data sheet: SOPREMA S.A.S.
14 Rue de Saint Nazaire - CS 60121
F-67025 STRASBOURG CEDEX
France
Phone: +33 (0)3 88 79 84 00
Fax: +33 (0)3 88 79 84 01
E-mail: mkulinicz@soprema.fr
1. 4. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131
INTERNATIONAL EMERGENCY NUMBER : + 44 (0)1 235 239 670
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2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture:
 - * Skin Irrit. 2 / SGH07 - H315 *
 - * Eye Dam. 1 / SGH05 - H318 *
 - * STOT SE 3 / SGH07 - H335 *

2. 2. Label elements:



Danger

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2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Hazard statement: H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
2. 2. 3. Prevention: P264 Wash hands thoroughly after handling.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P271 Use only outdoors or in a well-ventilated area.
2. 2. 4. Response: P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321a Specific treatment (see item nr 4.3.).
P332+P313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing.
P364 And wash it before reuse.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P310a Immediately call a POISON CENTER / doctor.
P304 IF INHALED:
P340 Remove person to fresh air and keep comfortable for breathing.
P312a Call a POISON CENTER / doctor if you feel unwell.
2. 2. 5. Storage: P403 Store in a well-ventilated place.
P233 Keep container tightly closed.
P405 Store locked up.
2. 2. 6. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 3. Other hazards: Do not breathe dust.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:
 - Cement Portland
 - CE nr: 266-043-4 - CAS nr: 65997-15-1
 - Conc. (weight %) : 60 < C ≤ 100
 - SGH :
 - * SGH07 - Exclamation mark - Warning - STOT SE 3 - H335 - Skin Irrit. 2 - H315 * SGH05 - Corrosion - Danger - Eye Dam. 1 - H318

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- calcium oxide
- CE nr: 215-138-9 - CAS nr: 1305-78-8
- REACH registration number : 01-2119475325-36-xxxx
- Conc. (weight %) : $3 < C \leq 7$
- SGH :
- * SGH07 - Exclamation mark - Warning - STOT SE 3 - H335 - Skin Irrit. 2 - H315 * SGH05 - Corrosion - Danger - Eye Dam. 1 - H318
- Miscellaneous :
- VME $\text{mg}/\text{m}^3 = 2$

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

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| 4. 1. 1. General advice: | In case of doubt or persistent symptoms, consult always a physician. |
| 4. 1. 2. Inhalation: | Take victim to fresh air, in a quiet place and if necessary take medical advice. |
| 4. 1. 3. Skin contact: | Rinse first with plenty of water and if necessary take medical advice. |
| 4. 1. 4. Eye contact: | Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. |
| 4. 1. 5. Ingestion: | If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. |

4. 2. Most important symptoms and effects, both acute and delayed:

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| 4. 2. 1. Inhalation: | Irritating to the respiratory system, may cause throat pain and cough. |
| 4. 2. 2. Skin contact: | May cause skin irritation / dermatitis. |
| 4. 2. 3. Eyes contact: | Irritant |
| 4. 2. 4. Ingestion: | May cause nausea, vomiting, sore throat, stomach-ache and eventually a perforation of the intestine. |

4. 3. Indication of any immediate medical attention and special treatment needed :

In all cases of doubt, or when symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

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| 5. 1. Extinguishing media: | In case of fire in the surroundings: all extinguishing agents allowed. |
| 5. 2. Special hazards arising from the substance or mixture: | None. |
| 5. 3. Advice for firefighters: | No special precautions required. |

6. ACCIDENTAL RELEASE MEASURES

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| 6. 1. Personal precautions, protective equipment and emergency procedures: | Avoid dust formation. |
| 6. 2. Environmental precautions: | Prevent liquid from entering sewers, watercourses, underground or low areas. |
| 6. 3. Methods and material for containment and cleaning up: | Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
After cleaning, flush traces away with water.
Avoid dust formation. |
| 6. 4. Reference to other sections: | Concerning personal protective equipment to use, see item 8.
Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.
Concerning disposal elimination after cleaning, see item 13. |

7. HANDLING AND STORAGE

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| 7. 1. Handling: | |
| 7. 1. 1. Precautions for safe handling: | Avoid breathing dust, mist or spray. |
| 7. 1. 2. Technical condition(s): | No special technical protective measures required. |

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7. 1. 3. Safe handling advice(s): Opened containers must be carefully closed and kept upright to avoid leakage.
7. 2. Storage:
7. 2. 1. Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a cool place.
7. 2. 2. Storage condition(s): Store in a dry place. Material is hygroscopic.
7. 2. 3. Packaging / tank material: made of the same material as the supply container.
7. 3. Specific end use(s): sand

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:
8. 1. 1. Exposure limit(s): • calcium oxide : VME mg/m³ = 2
8. 2. Exposure controls:
8. 2. 1. Respiratory protection: Wear appropriate breathing apparatus if air renewal not sufficient to maintain dust/vapour under TLV.
Extra personal protection: P3 filter respirator for toxic particles.
8. 2. 2. Hand protection: rubber or plastic gloves
8. 2. 3. Skin and body protection: long sleeved protective clothing
8. 2. 4. Eye protection: Wear closed safety glasses.
8. 3. Hygiene measure(s): Keep away from food, drink and animal feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:
9. 1. 1. Appearance: powder
9. 1. 2. Colour: grey
9. 1. 3. Odour: odourless
9. 1. 4. PH: Not applicable.
9. 1. 5. Boiling point/range: Not applicable.
9. 1. 6. Melting point/range: Not applicable.
9. 1. 7. Flash point: Not applicable.
9. 1. 8. Explosion limits: Not determined.
9. 1. 9. Relative density (water = 1): 3 g/cm³
9. 1. 10. Bulk density: 1.2 g/cm³
9. 1. 11. Viscosity: Not applicable.
9. 2. Other information:
9. 2. 1. Water solubility: immiscible
9. 2. 2. Fat solubility: Not determined.
9. 2. 3. Solvent solubility: Not determined.

10. STABILITY AND REACTIVITY

10. 1. Reactivity: product is stable.
10. 2. Chemical stability: Stable at normal conditions.
10. 3. Possibility of hazardous reactions: Reacts with: water

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| 10. 4. Conditions to avoid: | Protect from moisture. |
| 10. 5. Incompatible materials: | water |
| 10. 6. Hazardous decomposition products: | None reasonably foreseeable. |

11. TOXICOLOGICAL INFORMATION

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| 11. 1. Information on toxicological effects: | No available information on product. |
| 11. 2. Acute toxicity: | |
| 11. 2. 1. Inhalation: | Respiratory tract irritation |
| 11. 2. 2. Skin contact: | LD50/dermal/rabbit = 2 000 mg/kg
skin irritation |
| 11. 2. 3. Eyes contact: | severe eye irritation |
| 11. 2. 4. Ingestion: | irritation of mucous membranes |
| 11. 3. Sensitisation: | May cause sensitisation by skin contact. |

12. ECOLOGICAL INFORMATION

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| 12. 1. Toxicity: | No ecotoxicological data about this product are known. |
| 12. 2. Persistence and degradability: | Not applicable. |
| 12. 3. Bioaccumulative potential: | Not determined. |
| 12. 4. Mobility in soil: | negligible |
| 12. 5. Results of PBT and vPvB assessment: | not |
| 12. 6. Other adverse effects: | None. |

13. DISPOSAL CONSIDERATIONS

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| 13. 1. Waste treatment methods: | If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. |
| 13. 2. Contaminated packaging: | No special recommendation. |

14. TRANSPORT INFORMATION

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| 14. 1. General information(s): | Not classified as dangerous in the meaning of transport regulations. |
| 14. 2. UN number: | Not applicable. |
| 14. 6. Environmental hazards: | Not applicable. |
| 14. 7. Special precautions for user: | Not applicable. |
| 14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |

15. REGULATORY INFORMATION

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| 15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: | EC 453-2010 regulation
EC 790-2009 regulation
EC 1272-2008 regulation
EC 1907-2006 regulation |
| 15. 2. Chemical safety assessment: | Not applicable. |
| 15. 3. Important remarks: | Not applicable. |

16. OTHER INFORMATION

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| 16. 1. Text of the phrases listed in section 3: | H335 May cause respiratory irritation.
H315 Causes skin irritation.
H318 Causes serious eye damage. |
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16. 2. Important remarks:	Information in this safety data sheet is based on actual knowledge in our possession and our experience.
16. 3. 1. First edition date:	08/03/2016
16. 3. 2. Version:	1234a
16. 4. Written by:	SOPREMA - mkulnicz@soprema.fr