



## Safety Data Sheet

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BONDERITE S-ST STRIP PAINT STRIPPER known as HOT STRIP 25KG

SDS No. : 319411

V001.4

Date of issue: 22.01.2016

### Section 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** BONDERITE S-ST STRIP PAINT STRIPPER known as HOT STRIP 25KG

**Intended use:** Paint stripping agents

**Supplier:**  
Henkel Australia Pty Ltd  
135-141 Canterbury Road  
Kilsyth, Victoria, 3137  
Australia

Phone: +61 (3) 9724 6444

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

### Section 2. Hazards identification

**Classification of the substance or mixture**

Hazardous according to the criteria of Safe Work Australia.

**GHS Classification:**

<u>Hazard Class</u>	<u>Hazard Category</u>
Corrosive to metals	Category 1
Skin corrosion	Category 1A
Serious eye damage	Category 1

**Hazard pictogram:**



**Signal word:** Danger

- Hazard statement(s):** H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.
- Precautionary Statement(s):**
- Prevention:** P234 Keep only in original container.  
P260 Do not breathe dust or fumes.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.
- Response:** P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340+P315 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get immediate medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P363 Wash contaminated clothing before reuse.  
P390 Absorb spillage to prevent material damage.
- Storage:** P405 Store locked up.  
P406 Store in corrosive resistant container with a resistant inner liner.
- Disposal:** P501 Dispose of contents/container in accordance with national regulation.

Classification of material C - Corrosive

**Risk phrases:**  
R35 Causes severe burns.  
R41 Risk of serious damage to eyes.

**Safety phrases:**  
S22 Do not breathe dust.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27 Take off immediately all contaminated clothing.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S60 This material and its container must be disposed of as hazardous waste.

**Dangerous Goods information:**  
Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Signal word:**  
HAZARDOUS

### Section 3. Composition / information on ingredients

**General chemical description:** Mixture

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Sodium hydroxide	1310-73-2	60- 100 %
non hazardous ingredients~		10- 30 %

#### Section 4. First aid measures

<b>Ingestion:</b>	Do not induce vomiting. Have victim rinse mouth thoroughly with water. Get immediate medical attention.
<b>Skin:</b>	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Get immediate medical attention.
<b>Eyes:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.
<b>Inhalation:</b>	Immediately remove victim to fresh air. Keep warm and in a quiet place. Get immediate medical attention.
<b>First Aid facilities:</b>	Eye wash and safety shower Normal washroom facilities
<b>Medical attention and special treatment:</b>	Treat symptomatically.  The primary health hazard associated with this product is the corrosive effect on tissue.

#### Section 5. Fire fighting measures

<b>Suitable extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Improper extinguishing media:</b>	High pressure waterjet
<b>Combustion behaviour:</b>	Non-combustible.
<b>Decomposition products in case of fire::</b>	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide. Decomposition products include oxides of sodium.
<b>Particular danger in case of fire::</b>	May react with metals to form flammable hydrogen gas.
<b>Special protective equipment for fire-fighters:</b>	Wear protective equipment. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
<b>Additional fire fighting advice:</b>	In case of fire, keep containers cool with water spray. Collect contaminated fire fighting water separately. It must not enter drains.
<b>Hazchem code:</b>	2W

#### Section 6. Accidental release measures

<b>Personal precautions:</b>	Avoid dust formation. Avoid skin and eye contact. Wear appropriate personal protective equipment. Keep unprotected persons away. Avoid contact with incompatible materials.
<b>Environmental precautions:</b>	Do not empty into drains / surface water / ground water.
<b>Clean-up methods:</b>	Sweep up spilled material and place in a closed container for disposal. Avoid creating dust. Dispose of according to Federal, State and local governmental regulations.

**Section 7. Handling and storage**

**Precautions for safe handling:** Use only in well-ventilated areas.  
Do not breathe dust.  
Avoid skin and eye contact.  
Wear suitable protective clothing, safety glasses and gloves.

**Conditions for safe storage:** Ensure adequate ventilation.  
Store in sealed original container.  
Store in a cool, well-ventilated place.  
Avoid moisture  
Store away from acids

**Section 8. Exposure controls / personal protection**

**National exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
SODIUM HYDROXIDE 1310-73-2		-			2	-	-

**Engineering controls:** Use local exhaust ventilation if the potential for airborne exposure exists.

**Eye protection:** For eye protection, use tightly fitted safety goggles and a face-shield

**Skin protection:** Protective clothing that covers arms and legs.  
Wear PVC , butyl, neoprene or nitrile rubber gloves.  
  
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

**Section 9. Physical and chemical properties**

**Appearance:** brown powder

**Odor:** None

**pH:**(Concentration: 1 %) > 13

**Solubility in water:** Soluble

**Section 10. Stability and reactivity**

**Stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** Avoid moisture.  
Extremes of temperature.

**Incompatible materials:** Acids.  
Ammonium salts.  
Organic materials.  
Strong oxidizing agents.  
Reaction with metals: production of hydrogen.

**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors.  
  
Carbon monoxide.  
Carbon dioxide.  
Decomposition products include oxides of sodium.

**Section 11. Toxicological information**

**Health Effects:**

**Ingestion:** Irritation and corrosive action can occur in the mouth, stomach tissue and digestive tract if swallowed.  
Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Skin:** Corrosive to skin.  
This product is severely irritating to the skin and may cause burns.  
Contact can cause severe, slow-healing burns and redness itching, pain, swelling and rash.

**Eyes:** Causes serious eye damage.  
Corrosive to the eyes and may cause severe damage including blindness.  
Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Inhalation:** May cause severe irritation.  
Inhalation of dusts of this product may cause severe irritation and burns to the respiratory tract.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Sodium hydroxide 1310-73-2	LDLo	500 mg/kg	oral		rabbit	

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Sodium hydroxide 1310-73-2	corrosive		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Sodium hydroxide 1310-73-2	not sensitising	Patch-Test	human	

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sodium hydroxide 1310-73-2	negative	bacterial reverse mutation assay (e.g Ames test)	no data		

**Section 12. Ecological information**

**General ecological information:**

Because of the high pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems., Do not empty into drains / surface water / ground water.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Sodium hydroxide 1310-73-2	LC50	189 mg/l	Fish	48 h	Leuciscus idus melanotus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sodium hydroxide 1310-73-2	EC50	> 100 mg/l	Daphnia	48 h	Daphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium hydroxide 1310-73-2	EC0	> 100 mg/l	Bacteria	30 min		DIN 38412, part 27 (Bacterial oxygen consumption test)

**Section 13. Disposal considerations**

**Waste disposal of product:**

Dispose of according to Federal, State and local governmental regulations.

**Recommended cleanser:**

Clean the packaging with water.

**Disposal for uncleaned package:**

Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

**Section 14. Transport information**

**Road and Rail Transport:**

**Dangerous Goods information:**

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

UN no.:

1823

Proper shipping name:

SODIUM HYDROXIDE, SOLID (mixture)

Class or division:

8

Packing group:

II

Hazchem code:

2W

Emergency information:

Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.

**Marine transport IMDG:**

UN no.: 1823  
Proper shipping name: SODIUM HYDROXIDE, SOLID (mixture)  
Class or division: 8  
Packing group: II  
EmS: F-A ,S-B  
Seawater pollutant: -

**Air transport IATA:**

UN no.: 1823  
Proper shipping name: Sodium hydroxide, solid (mixture)  
Class or division: 8  
Packing group: II  
Packing instructions (passenger): 859  
Packing instructions (cargo): 863

**Section 15. Regulatory information**

**SUSMP Poisons Schedule** 6

**AICS:** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

**Section 16. Other information**

**Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code  
IMDG: International Maritime Dangerous Goods code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
STEL - Short term exposure limit  
TWA - Time weighted average

**Reason for issue:** Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

**Date of previous issue:** 28.07.2014

**Disclaimer:** The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material. The information contained in the Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel Australia Pty. Limited assumes no legal responsibility for reliance upon same. Henkel Australia Pty. Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Safety Data Sheet. This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by either Commonwealth or State statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.

