

Safety Data Sheet

Extra Strong Detergent SB-58



Safety Data Sheet dated 12/4/2015 , version 3

1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Trade name: Extra Strong Detergent SB-58
Trade code: CARE.SB-58
Product type and use: Very concentrated detergent for granite, marble, cotto, ceramic and gres.
Manufactured by: Simple Stone Care, Inc., 535 S. Broadway, Suite 203
Hicksville, NY 11801 P: 516-719-0510 F: 516-719-0511
Emergency telephone number of the company and/or of an authorised advisory centre:
U.S.A.: Chemtech +1.800.424.9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

- 10% - 12.5% 2-butoxyethanol
N.67/548/CEE: 603-014-00-0 CAS: 111-76-2 EINECS: 203-905-0
Xn R20/21/22 R36/38
- 7% - 10% phosphoric acid
N.67/548/CEE: 015-011-00-6 CAS: 7664-38-2 EINECS: 231-633-2
C R34
- 1% - 3% hydrochloric acid
N.67/548/CEE: 017-002-01-X CAS: 7647-01-0 EINECS: 231-595-7
C R34 R37

3. HAZARDS IDENTIFICATION

If brought into contact with the eyes, the product causes irritation that may last for over 24 hours, and if brought into contact with the skin it causes significant inflammation with erythema, scabs, and oedema.

4. FIRST AID MEASURES

- Contact with skin:
Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.
- Contact with eyes:
Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief.
OBTAIN A MEDICAL EXAMINATION.
Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).
- Swallowing:
Induce vomiting. **SEEK A MEDICAL EXAMINATION IMMEDIATELY** and present the safety-data sheet.
A suspension of activated charcoal in water, or liquid paraffin may be administered.
- Inhalation:
Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. **OBTAIN MEDICAL ATTENTION.**



5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Not needed for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

2-butoxyethanol

VLE 8h: 98 mg/m³ - 20 ppm VLE short: 246 mg/m³ - 50 ppm TLV TWA: 20 ppm, A3 - 96,66 mg/m³, A3 TLV STEL: A3

phosphoric acid

VLE 8h: 1 mg/m³ VLE short: 2 mg/m³ TLV TWA: 0,25 ppm - 1 mg/m³ TLV STEL: 0,75 ppm - 3 mg/m³

hydrochloric acid

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VLE 8h: 8 mg/m³ - 5 ppm VLE short: 15 mg/m³ - 10 ppm TLV TWA: A4 TLV STEL: C
1,34 ppm - C 2 mg/m³, A4

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Liquid transparent
Odour:	Pungent
pH:	About 0,5
Boiling point:	About 105°C
Flash point:	Not flammable
Relative density:	1,07
Solubility in water:	Soluble

10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under normal conditions.
Substances to avoid:	None in particular.
Hazardous decomposition products:	None.

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

2-butoxyethanol

LD50 (RABBIT) ORAL: 320 MG/KG

phosphoric acid

LD50 (RABBIT) SKIN: 2740 MG/KG

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number:	1789
Road (ADR):	Class 8
Rail (RID):	Class 8
ADR-Shipping Name:	Hydrochloric Acid - LQ 1 Liter
ADR-Label:	8
ADR-Packing Group:	II
Air (ICAO/IATA):	Class 8
IMDG-Un number:	1789
Sea (IMO):	Class 8
IMDG-Packing group:	II
IMDG-Label:	8
IMDG-EMS:	F-A, S-B

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/CE (Classification, packaging and

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labelling of dangerous preparation) and subsequent amendments. Commission Directive 2001/58/CE (Safety data sheets). Commission Directive 98/24/CE (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/CE (Occupational exposure limit values).

Symbols:

Xi Irritant

R Phrases:

R36/38 Irritating to eyes and skin.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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).

Contents:

hydrochloric acid..%

Volatile Organic compounds - VOCs = 0.01 %

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.00

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents').

1999/13/EC (VOC directive)

16. OTHER INFORMATION

Text of R phrases referred to under heading 2:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

R34 Causes burns.

R37 Irritating to respiratory system.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Threshold Limit Values - 1993/94 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.



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