

SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : SOLID SENSITIVE TAB
Product type: Potassium salts-based detergent for self-cleaning ovens

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Washing and cleaning products (including solvent based products).
Sectors of use. Professional use
Uses advised against: Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Australian distributor:
TOM STODDART PTY
39 Forest Way | Karawatha | QLD, 4117
tel 07 3440 7457 - Fax 07 3344 1000

1.4. Emergency telephone number

Poison Information Centre: 13 11 26

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 GHS Classification 3rd Edition:

Pictograms: GHS05, GHS07
Hazard Class and Category Code(s): Skin Corr. 1A, Skin Sens. 1
Hazard statement Code(s): H314 - Skin Corr. 1A, Skin Sens. 1
H317 - May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

Pictogram:



Signal Word Code(s): GHS05, GHS07 - Danger
Hazard statement Code(s): H314 - Skin Corr. 1A, Skin Sens. 1
H317 - May cause an allergic skin reaction

Precautionary statements:

Prevention 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 [or shower].
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

Contains:

SODIUM HYDROXIDE, SODIUM METASILICATE, POTASSIUM CARBONATE, 1,2-BENZISOTHIAZOL-3(2H)-ONE

Declaration of ingredients according to Detergent Regulation 648/2004:
phosphates 15 - 30 %

2.3. Hazards not otherwise classified (HNOC) or not covered by GHS

No information on other hazards

SECTION3. Composition/information on ingredients

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Numerical identifier	
SODIUM HYDROXIDE	20 - <30%	Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318	CAS EINECS	1310-73-2 215-185-5
SODIUM METASILICATE	20 - <30%	Met. Corr. 1, H290; Skin Corr. 1B, H314; STOT SE 3, H335	CAS EINECS	6834-92-0 229-912-9
POTASSIUM CARBONATE	20 - <30%	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	CAS EINECS	584-08-7 209-529-3
1,2-BENZISOTHAZOL-3(2H)-ONE	>=0,05 - <1%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318; Aquatic Acute 1, H400	CAS EINECS	2634-33-5 220-120-9

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation: Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

In case of contact with skin: Take contaminated clothing Immediately off. Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product. In case of contact with skin, wash immediately with water. Consult a physician immediately

Direct contact with eyes (of the pure product): Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze.

Ingestion: Rinse mouth with water of the subject. Absolutely do not induce vomiting or emesis. Seek medical advice immediately. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

If eye irritation persists: Get medical advice/attention.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:
Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:
Wear mask, gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash the area and materials involved

6.3.3 Other information:
None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Wear protective gloves/protective clothing/eye protection/face protection.
At work do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
 Keep containers upright and safe by avoiding the possibility of falls or collisions.
 Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Follow the rules of good hygiene in the workplace.

SECTION8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

SODIUM HYDROXIDE;

TLV-TWA=2mg/m3 - Peak limitation (Australia Workplace Exposure Standards for Airborne Contaminants)

SODIUM METASILICATE;

TLV-TWA=10mg/m3 (ACGIH- Breathable fraction)

TLV-TWA=3mg/m3 (ACGIH- Alveolar fraction)

8.2. Exposure controls



Appropriate engineering controls: Well ventilated environment. Observe the safety measures used in handling chemicals.

Individual protection measures:

a) Eye / face protection: When handling the pure product use safety glasses (spectacles cage) (EN 166).

b) Skin protection

i) Hand protection: When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3).

ii) Other: Wear normal work clothing.

c) Respiratory protection: Not needed for normal use.

d) Thermal hazards: No hazard to report

Environmental exposure controls: Use according to good working practices to avoid pollution into the environment.

SECTION9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	White powder tablets
Odour	Odorless
Odour threshold	Undefined
pH	13
Melting point/freezing point	Irrelevant
Initial boiling point and boiling range	Irrelevant
Flash point	>60°C
Evaporation rate	Irrelevant
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Irrelevant
Vapour density	>1
Relative density	0.9g/mL
Solubility	Undefined
Water solubility	Water soluble
Partition coefficient: n-octanol/water	Undefined
Auto-ignition temperature	Undefined

Decomposition temperature	Undefined
Viscosity	Undefined
Explosive properties	Not explosive
Oxidising properties	Not oxidant

9.2. Other information

No data available.

SECTION 10. Stability and reactivity**10.1. Reactivity**

Stable under normal conditions

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions

10.3. Possibility of hazardous reactions

It may generate flammable gases on contact with halogenated organic substances, and elementary metals.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Nothing to report

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information**11.1. Information on toxicological effects**

(a) acute toxicity:

SODIUM HYDROXIDE: The substance is highly corrosive to the eyes, the skin and the respiratory tract. Corrosive if swallowed. Aerosol inhalation of the substance can cause pulmonary edema.

(b) skin corrosion/irritation: Corrosive product: causes severe skin burns and eye damage.

SODIUM HYDROXIDE: Corrosive

SODIUM METASILICATE: The substance is corrosive to the eyes, the skin and the respiratory tract. Corrosive if swallowed.

(c) serious eye damage/irritation: Corrosive product: causes severe skin burns and eye damage. - If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

SODIUM HYDROXIDE: The substance is highly corrosive to eyes

SODIUM METASILICATE: Corrosive.

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met.

(f) carcinogenicity: based on available data, the classification criteria are not met.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or

potential carcinogen by OSHA.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposure:

SODIUM HYDROXIDE: Repeated or prolonged contact with skin may cause dermatitis.

(j) aspiration hazard:

SODIUM HYDROXIDE: Evaporation at 20 C negligible; a harmful concentration of aereodisperse particles can, however, be reached quickly.

Related to contained substances:

SODIUM METASILICATE:

ROUTES of EXPOSURE: the substance can be absorbed into the body by inhalation of its aerosol and by ingestion.

INHALATION RISK: evaporation at 20°C negligible; a harmful concentration of aereodisperse particles can, however, be reached quickly when dispersed.

LD50 (rat) Oral (mg/kg body weight) = 1280

SECTION12. Ecological information

12.1. Toxicity

Related to contained substances:

SODIUM HYDROXIDE:

This substance can be dangerous for the environment; Special attention must be paid to aquatic organisms.

EC50 = 40.4 mg/L (invertebrates, Hymenochirus Biettgeri dubia, 48 h)

LC50 = 35-189mg/L (fish, 83d)

C(E)L50 (mg/l) = 33

NOEC (mg/l) = 56

SODIUM METASILICATE:

EC50=1700mg/L (invertebrates, Daphnia magna, 48h)

LC50=207mg/L (algae, Scenedesmus subspicatus, 72h)

LC50=2320mg/L (fish, Gambusia affinis, 96h)

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Related to contained substances:

SODIUM HYDROXIDE:

Released to the soil, can melt as a result of rains and infiltrate into the ground; However difficult to assume ownership and concentration of the solution.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

SECTION13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should

be disposed of according to applicable regulations by addressing to authorized companies.
Recover if possible. Operate according to local or national regulations
Waste code CER/EWC (2000/532/CE), attributable to the product as:
06 02 04 * Sodium and potassium hydroxide
HP8 - HP5

SECTION 14. Transport information**14.1. UN number**

ADR/RID/IMDG/ICAO-IATA: 3262

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 1 kg per package 30 Kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 1 kg per package 20 Kg

**14.2. UN proper shipping name**

ADR/RID/IMDG: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, SODIUM METASILICATE, 1,2-benzisothiazol-3(2H)-one)

ICAO-IATA: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, SODIUM METASILICATE, 1,2-benzisothiazol-3(2H)-one)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 8

ADR/RID/IMDG/ICAO-IATA: Label : 8

ADR: Tunnel restriction code : E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 kg

IMDG - EmS : F-A, S-B

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous

IMDG: Marine polluting agent: Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Australian manufacturers' and importers' obligations under the WHS Regulations;

Classification Criteria: Directly refers to GHS (Rev.3) (2009);

Volatile Organic compounds - VOCs = 0.00 %

Volatile Organic compounds - VOCs = 0.00 g/l

Volatile CMR substances = 0.00 %

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

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H314 = Causes severe skin burns and eye damage

H335 = May cause respiratory irritation

H318 = Causes serious eye damage

H302 = Harmful if swallowed

H315 = Causes skin irritation

H317 = May cause an allergic skin reaction

H400 = Very toxic to aquatic life

Regulatory information:

GHS (Rev.3) (2009)

WHS Regulation

Bibliographic data and database:

SAX 12 Ed Van Nostrand Reinhold

MERCK INDEX 15 Ed

ECHA: European Chemicals Agency

NINCAS database

Hazardous Chemical Information System (HCIS)

NOTICE TO USERS

The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet. The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products. This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

*** This sheet supersedes all previous editions.