

## Safety Data Sheet

Printing date 01/21/2016

Reviewed on 01/21/2016

• **Product details**

• **Trade name:** Stick Deodorant

• **Application of the substance / the preparation:** Deodorant

• **Manufacturer/Supplier:**

GUANG ZHOU YILONG DAILY CHEMICAL CO., LTD

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• **Further information obtainable from:** GUANG ZHOU YILONG DAILY CHEMICAL CO., LTD

• **Emergency information:**

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• **Reference Number:** GZFD0100100169FD; GZ1001005769/CHEM

• **Chemical characterization**

• **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

1310-73-2 sodium hydroxide	0.1%
64-02-8 tetrasodium ethylenediaminetetraacetate	0.1%
8008-57-9 Orange sweet oil	<0.1%

• **Non-dangerous components:**

7732-18-5 pure water	27.0%
822-16-2 SodiumStearate	5.5%
9005-64-5 Sorbitan monolaurate, ethoxylated	5.0%
102-71-6 2,2',2"-nitritotriethanol	0.2%
24851-98-7 methyl 3-oxo-2-pentylcyclopentaneacetate	<0.1%
110-98-5 1,1'-oxydipropan-2-ol	<0.1%
54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	<0.1%
25322-68-3 Polyethylene glycol	30.0%
57-55-6 propane-1,2-diol	30.0%
57-50-1 sucrose, pure	2.0%

• **Remark:**

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tetrasodium ethylenediaminetetraacetate (CAS No.: 64-02-8)  
 Synonym: EDTA 4Na

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Sorbitan monolaurate, ethoxylated (CAS No.: 9005-64-5)  
 Synonym: Tween 20

2,2',2''-nitrilotriethanol (CAS No.: 102-71-6)  
 Synonym: Triethanolamine

1,1'-oxydipropyl-2-ol (CAS No.: 110-98-5)  
 Synonym: DPG

Polyethylene glycol (CAS No.: 25322-68-3)  
 Synonym: Polyethylene glycol 400

propane-1,2-diol (CAS No.: 57-55-6)  
 Synonym: Propylene glycol

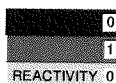
sucrose, pure (CAS No.: 57-50-1)  
 Synonym: Sugar

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**  
 The product does not have to be labelled due to the calculation procedure of international guideline.
- **Classification system:**  
 The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 0  
 Fire = 1  
 Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0  
 Fire = 1  
 REACTIVITY 0 Reactivity = 0

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Protective equipment:** Wear fully protective suit.

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

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- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** See Section 7 for information on safe handling.

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

**25322-68-3 Polyethylene glycol**WEEL (USA) 10 mg/m<sup>3</sup>**57-55-6 propane-1,2-diol**WEEL (USA) 10 mg/m<sup>3</sup>WEL (Great Britain) 474\* 10\*\* mg/m<sup>3</sup>, 150\* ppm

\*total vapour and particulates \*\*particulates

**57-50-1 sucrose, pure**PEL (USA) 15\* 5\*\* mg/m<sup>3</sup>

\*total dust \*\*respirable fraction

REL (USA) 10\* 5\*\* mg/m<sup>3</sup>

\*total dust \*\*respirable fraction

TLV (USA) 10 mg/m<sup>3</sup>WEL (Great Britain) Short-term value: 20 mg/m<sup>3</sup>Long-term value: 10 mg/m<sup>3</sup>**1310-73-2 sodium hydroxide**PEL (USA) 2 mg/m<sup>3</sup>REL (USA) Short-term value: C 2 mg/m<sup>3</sup>TLV (USA) Short-term value: C 2 mg/m<sup>3</sup>WEL (Great Britain) Short-term value: 2 mg/m<sup>3</sup>**102-71-6 2,2',2''-nitrioltriethanol**TLV (USA) 5 mg/m<sup>3</sup>

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Suitable respiratory protective device recommended.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **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.

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- **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

[REDACTED]

**General Information**

**Form:** Translucent solid  
**Color:** White  
**Odor:** Aromatic

**Change in condition**

**Melting point/Melting range:** Not available  
**Boiling point/Boiling range:** Not available

· **Flash point:** Not available

· **Flammability (solid, gaseous):** Not available

· **Ignition temperature:** Not available

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

**Explosion limits:**

**Lower:** Not available  
**Upper:** Not available

· **Oxidizing properties** Not available

· **Vapor pressure:** Not available

· **Density:** Not available

· **Relative density** Not available

· **Vapour density** Not available

· **Evaporation rate** Not available

**Solubility in / Miscibility with**

**Water:** Not available

· **pH-value:** Not available

**Viscosity:**

**Dynamic:** Not available

- [REDACTED]
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
  - **Materials to be avoided:**
  - **Dangerous reactions** No dangerous reactions known.
  - **Dangerous products of decomposition:** No dangerous decomposition products known.

[REDACTED]

**Acute toxicity:**
**LD/LC50 values that are relevant for classification:**

**1310-73-2 sodium hydroxide**

Oral LD50 2000 mg/kg (rat)

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**25322-68-3 Polyethylene glycol**

Oral LD50 15700 mg/kg (guinea pig)  
28915 mg/kg (mouse)

**57-55-6 propane-1,2-diol**

Oral LD50 2000 mg/kg (rat)  
Dermal LD50 20800 mg/kg (rabbit)

**57-50-1 sucrose, pure**

Oral LD50 29700 mg/kg (rat)

**9005-64-5 Sorbitan monolaurate, ethoxylated**

Oral LD50 >33000 mg/kg (mouse)  
36.7 mL/kg (rat)

**102-71-6 2,2',2''-nitritotriethanol**

Oral LD50 8000 mg/kg (rat)

**24851-98-7 methyl 3-oxo-2-pentylcyclopentaneacetate**

Oral LD50 >5000 mg/kg (rat)

**110-98-5 1,1'-oxydipropan-2-ol**

Oral LD50 14850 mg/kg (rat)

**Primary irritant effect:**

- **on the skin:** Irritating effect possible.
- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.

**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Additional ecological information:****General notes:**

Water hazard class 1 (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.

**Product:**

· **Recommendation:** Smaller quantities can be disposed of with household waste.

**Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

**DOT regulations:**

- **Hazard class:** -
- **Identification number:** -
- **Packing group:** -
- **Hazardous substance:** -
- **Poison inhalation hazard:** -
- **Proper shipping name (technical name):** -

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- **Label** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Danger code (Kemler):** -
- **UN-Number:** -
- **Packaging group:** -
- **Label:** -
- **Description of goods:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **UN Number:** -
- **Label** -
- **Packaging group:** -
- **EMS Number:** -
- **Marine pollutant:** No
- **Propper shipping name:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **UN/ID Number:** -
- **Label** -
- **Packaging group:** -
- **Proper shipping name:** -

- **Sara**
- **Section 355 (extremely hazardous substances):**  
None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):**  
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**  
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**  
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**  
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**  
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**  
None of the ingredients is listed.
- **Carcinogeny categories**
- **EPA (Environmental Protection Agency)**  
None of the ingredients is listed.
- **IARC (International Agency for Research on Cancer)**  
102-71-6 2,2',2"-nitrioltriethanol 3
- **NTP (National Toxicology Program)**  
None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**  
57-50-1 sucrose, pure

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**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**· Product related hazard informations:**

The product has not been classified and marked in accordance respective national laws.  
Observe the general safety regulations when handling chemicals.



\*\*\*\*\*  
The contents and format of this SDS/SDS are in accordance with 29 CFR 1910.1200(g)

**DISCLAIMER OF LIABILITY**

The information in this SDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product. This SDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS/SDS information may not be applicable.

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