



# SAFETY DATA SHEET

Preparation Date: 10.07.2020

SDS Number: SDS20200710/1006

Issuing Date: 10.07.2020

Revision Date:

Revision No: 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

### **Product Identifier**

**Product Name:** TOMAN POWDER DETERGENT [Lemon]

### **Recommended use of the chemical and restrictions on use**

**Recommended Use:** Industrial/Institutional

Laundry care

This product is intended to be diluted prior to use

**Uses advised against:**

Uses other than those identified are not recommended

### **Details of the supplier of the safety data sheet**

**Supplier Name:** Sun Jiang Trading Sdn Bhd

**Supplier Addresses:** B-1-39&40, Dataran Cascades, No.13A, Jalan PJU5,  
Kota Damansara, 47810 Petaling Jaya, Selangor.

**Supplier Phone Number:** 603 76201378

**Supplier Fax Number:** 603 76201256

### **Emergency Telephone Number**

**Company Emergency Phone** 603 76201378

**Number** For Medical Emergencies call: 999

**Emergency Telephone Number:** 603 76201378

## 1. HAZARDS IDENTIFICATION

### **GHS Classification**

**Product AT UNDILUTED:**

**Serious eyes damage/eye irritation:** Category 2A

**Skin corrosion/irritation:** Category 2

**Product AT USE DILUTION:**

**Skin corrosion:** Not classified

**Serious eye damage:** Not classified

Preparation Date: 10.07.2020

SDS Number: SDS20200710/1006

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Revision Date:

Revision No: 0

## GHS Label Element

### Hazard Pictograms:



**Signal Word:**

Warning

**Hazard Statements:**

Causes skin irritation

Causes serious eye irritation

### **Precautionary Statements:**

Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Wear chemical-splash goggles and chemical resistant gloves. **IF SWALLOWED:** Rinse mouth. Drink a cupful of milk or water. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

### Classification for the diluted product

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Percent (%)	Trade Secret
Sodium Chloride	7647-14-5	10.00-70.00	*
Sodium Carbonate	497-19-8	10.00-30.00	*
Sodium Metasilicate	6834-92-0	1.00- 3.00	*
Linear alkylbenzene sulfonate (LAS)	25155-30-0	5.00 – 12.00	*

\*The exact percentage of composition has been withheld as a TRADE SECRET



Preparation Date: 10.07.2020  
Issuing Date: 10.07.2020  
Revision Date:  
Revision No: 0

SDS Number: SDS20200710/1006

### 3. FIRST AID MEASURES

#### Undiluted Product

**In case of eye contact:** Rinse immediately with plenty of water, also under the eyelids, for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

**In case of skin contact:** Wash off immediately with plenty of water for several minutes. Get medical attention if irritation develops and persists.

**If swallowed:** Rinse mouth. Get medical attention if symptoms occur.

**If inhaled:** Get medical attention if symptoms occur.

**Notes to physician:** Treat symptomatically.

**Most important symptoms:** No information available.

#### Diluted Product

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

### 4. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

#### Specific Hazards Arising from the Chemical

No information available.

#### Explosion Data

Sensitivity to Mechanical Impact: None  
Sensitivity to Static Discharge: None

#### Protective equipment and precautions for firefighters



Preparation Date: 10.07.2020  
Issuing Date: 10.07.2020  
Revision Date:  
Revision No: 0

SDS Number: SDS20200710/1006

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 5. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal Precautions**

Avoid contact with eyes, skin, and clothing. Use personal protective equipment as required.

#### **Other Information:**

Refer to protective measures listed in Sections 7 and 8.

#### **Environmental precautions**

#### **Environmental Precautions:**

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

#### **Methods and material for containment and cleaning up**

#### **Methods for Containment:**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Cleaning Up:**

Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

#### **Advice on safe handling:**

Avoid contact with skin and eyes. Wash hands thoroughly after handling.

#### **Conditions for safe storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. **KEEP OUT OF REACH OF CHILDREN.**

Preparation Date: 10.07.2020  
 Issuing Date: 10.07.2020  
 Revision Date:  
 Revision No: 0

SDS Number: SDS20200710/1006

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure control

**Exposure Guideline:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Ingredients	CAS#	ACGIH	OSHA
Sodium Chloride	7647-14-5	–	–
Sodium Carbonate	497-19-8	–	–
Sodium Metasilicate	6834-92-0	–	–
Linear alkylbenzene sulfonate (LAS)	25155-30-0	–	–

### Undiluted Product:

#### **Engineering measures to reduce exposure:**

No special ventilation requirements General room ventilation is adequate

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves.  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

### Diluted Product:

#### **Personal Protective Equipment:**

**Eye protection:** No special requirements under normal use conditions.  
**Hand protection:** No special requirements under normal use conditions.  
**Skin and body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

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SDS Number: SDS20200710/1006

Issuing Date: 10.07.2020

Revision Date:

Revision No: 0

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	Lemon
<b>Odor Threshold:</b>	No information available
<b>pH:</b>	No information available
<b>Diluted pH:</b>	10.00 -11.00
<b>Density:</b>	NA
<b>Flash point:</b>	Not Flammable
<b>Initial boiling point and boiling range:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper explosion limit:</b>	No data available
<b>Lower explosion limit:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Water solubility:</b>	Completely soluble
<b>Solubility in other solvents:</b>	No data available
<b>Partition coefficient-(noctanol/water):</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Thermal decomposition:</b>	Not determined
<b>Viscosity, kinematic:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidizing properties:</b>	No data available
<b>Molecular weight:</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not Applicable
<b>Stability:</b>	The product is stable
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.
<b>Materials to avoid:</b>	None known.
<b>Conditions to avoid:</b>	No information available.

Preparation Date: 10.07.2020  
 Issuing Date: 10.07.2020  
 Revision Date:  
 Revision No: 0

SDS Number: SDS20200710/1006

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Inhalation:** Inhalation of dust in high concentration may cause irritation of respiratory system.  
**Eye contact:** Severely irritating to eyes.  
**Skin contact:** May cause irritation.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Ingredients	Oral LD50	Dermal LD50	LC50 Inhalation
Sodium Chloride	>3000 mg/kg	NA	>42 g/m <sup>3</sup> /hr
Sodium Carbonate	4090 mg/kg	500 mg/24hr	2. mg/l /2hr
Sodium Metasilicate	1280 mg/kg	NA	NA
Linear alkylbenzene sulfonate (LAS)	404 mg/kg	NA	510 mg/m <sup>3</sup> /2hr

### Information on toxicological effects

**Symptoms:** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization:** No information available.  
**Mutagenic effects:** No information available.  
**Carcinogenicity:** Contains no ingredient listed as a carcinogen.  
**Reproductive toxicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Chronic toxicity:** No known effect.  
**Aspiration hazard:** No information available.

## 12. ECOLOGICAL INFORMATION

### Product AS SOLD

**Ecotoxicity: Environment Effect Product** Harmful to aquatic life.



# SAFETY DATA SHEET

Preparation Date: 10.07.2020  
Issuing Date: 10.07.2020  
Revision Date:  
Revision No: 0

SDS Number: SDS20200710/1006

Toxicity to fish : 96 h LC50: 13.1 mg/l

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae : No data available

### Ingredients

Toxicity to daphnia and other aquatic invertebrates: Sodium Carbonate(soda)  
48 h EC50 Ceriodaphnia (water flea): 213.5 mg/l

**Persistence and Degradability** Read biodegradable

**Bioaccumulation:** No information available

**Other treatment method:** No information available

## 13. DISPOSAL CONSIDERATION

**Disposal methods:** The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

**Disposal considerations:** Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Not regulated. Proper shipping name, Cleaning Compound

**IMDG:** Not regulated. Proper shipping name, Cleaning Compound

## 15. REGULATORY INFORMATION

### PRODUCT AS SOLD

#### International Inventories at CAS# Level

All components of this product are listed on the following inventories:





# SAFETY DATA SHEET

Preparation Date: 10.07.2020

SDS Number: SDS20200710/1006

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Revision Date:

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**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section

8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

## U.S. Regulations

### **California Proposition 65:**

This product is not subject to the reporting requirements under California's Proposition 65.

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>MARTK:</b>	<b>NJRTK:</b>	<b>PARTK:</b>	<b>RIRTK:</b>
Sodium Chloride	7647-14-5	—	—	—	—
Sodium Carbonate	497-19-8	—	—	—	—
Sodium Metasilicate	6834-92-0	—	—	—	—
Linear alkylbenzene sulfonate (LAS)	25155-30-0	—	—	—	—

## CERCLA/ SARA

### **SARA 311/312 Hazard Categories:**

**Acute Health Hazard:** Yes

**Chronic Health Hazard:** No

**Fire Hazard:** No

**Sudden Release of Pressure Hazard:** No

**Reactive Hazard:** No

### **CERCLA :**

Reportable Quantity

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## 16. OTHER INFORMATION

### NFPA

**Health:** 2

**Flammability:** 0

**Instability:** 0

### Legend

0 = not significant, 1 =Slight,

2 = Moderate,

3 = High

4 = Extreme, \* = Chronic

**Prepared by:** Sun Jiang Trading Sdn Bhd

### **Disclaimer:**

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text*