

Preparation Date: 10.07.2020
Issuing Date: 10.07.2020
Revision Date: 07.10.2021
Revision No: 1

SDS Number: SDS20200710/1006

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 Number 603 76201378
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 3
Acute toxicity - Inhalation (Dusts/Mists): Category 4

Product AT USE DILUTION:

Skin corrosion: Not classified
Serious eye damage: Not classified

GHS Label Element

Hazard Pictograms:





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Signal Word: Warning
Hazard Statements: H332: Harmful if inhaled
H319: Causes eye irritation
H316: Causes mild skin irritation

Precautionary Statements (Prevention):
P264: Wash skin thoroughly after handling.
P280: Wear protective gloves protection/face protection

Precautionary Statements (Response):
P301+ P330 + P331+ P310: **IF SWALLOWED:** Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor.
P302+P352, P332+P313: **IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get 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.
P337+P313: **IF EYE IRRITATION PERSISTS:** Get medical advice/attention

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

3. FIRST AID MEASURES

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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

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

5. ACCIDENTAL RELEASE MEASURES

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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.

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.

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Powder

Colour:

White

Odour:

Lemon

Odor Threshold:

No information available

pH:

No information available

Diluted pH:

10.00 -11.00

Density:

NA

Flash point:

Not Flammable

Initial boiling point and boiling range:

No data available

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Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Vapor pressure:	No data available
Vapor Density:	No data available
Water solubility:	Completely soluble
Solubility in other solvents:	No data available
Partition coefficient-(noctanol/water):	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	Not determined
Viscosity, kinematic:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Molecular weight:	No data available

10. STABILITY AND REACTIVITY

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

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 ³ /hr

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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 ³ /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 Harmful to aquatic life.

Product

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



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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:

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



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U.S. Regulations

California Proposition 65:

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

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
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

16. OTHER INFORMATION

NEPA

Health: 2
Flammability: 0
Instability: 0

Legend

0 = not significant, 1 =Slight,
2 = Moderate,
3 = High



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4 = Extreme, * = Chronic

Prepared by: Sun Jiang Trading Sdn Bhd

Disclaimer:

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