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# Section 1: Identification of the substance/mixture and of the company/under taking

#### 1.1 Product identifier

Trade name: EZY DISHWASHING T PURE

## 1.2 Relevant indentified uses of substance or mixture and uses advised against

**Use of substance/Mixture:** For cleaning container and household appliance. This product is Food Grade.

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

## Manufacturer/Supplier:

#### Manufacturer:

T.N.H. Import and Export Co., Ltd ,44 Soi ThianThale 20 Yak 7 Bangkhunthain-Chaithale Rd., Samaedam, Bangkhunthian, Bangkok 10150, Thailand, Tel. 0-2892-0920, Fax: 0-2892-0928

#### Transfer:

Longbow (Thailand) Co., Ltd , 302/1-2 Floor 5 Soi Anamai, Srinakarindra Rd., Suan Luang, Bangkok 10250

Tel. 02-391-7581-3

Website: <a href="www.longbowthai.co.th">www.longbowthai.co.th</a>
1.4 Emergency telephone number:

Tel. 02-391-7581-3

# Section 2: Hazard identification

## 2.1 Classification of the substance or mixture

## Classification

Physical and Chemical hazards flammable liquids, Not classified

#### Health hazards

Acute toxicity (Oral)	Category 4
Skin corrosion / irritation	Category 2
Serious eye damage / Eye irritation	Category 2A
Respiratory sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified

Specific target organ systemic toxicity

-Single exposure Not classified
-Repeated exposure Not classified
Aspiration hazard Not classified
Chronic hazards to the aquaticenvironment Not classified





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# 2.2 Label elements Hazard pictogram:



## Signal word: Warning

Hazard statements:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H401 Toxic to aquatic life.

H413May cause long lasting harmful effects to aquatic life.

## Precautionary statement:

P264 Wash... thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P321 Specific treatment (see... on this label).

P330 Rinse mouth.

P362 Take off contaminated clothing and wash before reuse.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with soap and water.

P305+P351+P338 IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P332+P313 If skin irritation or a rash occur: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P501 Dispose of contents/container in accordance with regulations on hazardous waste or packing and packing waste respectively.

## Hazardous components which must be listed on the label:

Linear alkylbenzene sulfonate, sodium salt

Sodium Lauryl Ether Sulfate

CAS No. 68411-30-3

CAS No. 68585-34-2

CAS No. 1300-72-7

Cocamidopropyl betaine

CAS No. 86438-79-1

#### 2.3 Other hazards

According to our present knowledge the product does not contain persistent, bio accumulative and toxic substances (PBT substances) or very persistent and very bio accumulative (vPvB substances) as define in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.





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# Section 3: Composition/information on ingredients

3.1 Substance: Non-applicable

3.2 Mixtures

#### Chemical nature:

Dangerous components:		
Linear alkyl benzene sulfonate, sodium salt	CAS No. 68411-30-3	13-18 %
Sodium lauryl ether sulfate	CAS No. 68585-34-2	8-14 %
Sodium xylene sulfonate	CAS No. 1300-72-7	2-7 %
Cocamidopropyl betaine	CAS No. 86438-79-1	1-3 %

For the full text of the P-phrases in this section, see Section 16

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# Section 4: First aid measures

## 4.1 Description of first aid measures

**General advice:** Take off all contaminated clothing immediately. Show this safety data sheet to the doctor in attendance.

After inhalation: Remove to fresh air.

After skin contact: Wash with soap and water. Get medical attention if irritation occurs.

**After eye contact:**In case of contact, immediately flush eyes with cool running water. Remove contact lens and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**After swallowing:**Do **NOT** induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

**Risks:** Refer to section 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed

**Treatment:** Treat symptomatically.

# Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use media proper to the primary cause of fire.

Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture

Special hazards during firefighting:

Hazardous decomposition products formed under fire conditions can be released in case of fire: None page 3/9





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## 5.3 Advice for firefighters

#### Special protective equipment:

Fire-fighter should wear appropriate protective equipment and self – contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## For firefighters further information:

Use method appropriate for surrounding fire.

## Section 6: Accidental release measures

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

Personal precautions: Use personal protective equipment. Do NOT get in eyes.

#### 6.2 Environmental precautions

**Environmental precautions:**Keep out of waterways. **Do NOT** discharge product into natural waters without pretreatment or adequate dilution.

#### 6.3 Methods and material for containment and clean up

**Method for cleaning up**: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

#### 6.4 Reference to other sections.

Refer to protective measures listed in section 7 and 8.

## Section 7: Handling and storage

#### 7.1 Precautions for safe handling

#### Advice on safe handing:

Use personal protective equipment as required. Avoid contact with eyes, skin and clothing. Wash hand thoroughly after handling.

#### Advice on protection against fire and explosion:

Take measures to prevent the buildup of electrostatic charge.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage Areas and containers: Do always store in containers which correspond to the original ones. Keep container closed. Keep in adry, cool place.

**Further information on storage conditions**: Keep locked up. Keep container dry. Keep away from children, heat and light.

**Advice on common storage:**Keep container tightly closed. Keep container in a cool, well – ventilated area.

# 7.3 Specific end use(s)

Note: Consult the technical guideline for the use of this substance/mixture.

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# Section 8: Exposure controls/personal protection

## 8.1 Control parameters

#### 8.2 Exposure controls

Engineering measures: Ensure adequate ventilation.

Personal protective equipment

Respiratory protection: Personal protective equipment required.

Hand protective: Wear rubber glove.

**Eye protection:**Wear chemical splash goggles. For continued or severe exposure wear a face shield over the goggle.

**Skin and body protection:**Wear any industrial rubber gloves, synthetic apron, and other protective equipment as necessary to prevent skin contact.

**Hygiene measures:**Avoid contact with skin, eye and clothing.Provide access to emergency eye wash and shower.Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** 

General advice: The product should not be allowed to enter drains, water courses or the soil.

Pay attention to local or official regulations.

# Section 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Appearance: Clear liquid
Colour: Colourless

Odour: Characteristic (no fragrance)

Flash point: no data available Ignition temperature: no data available

Explosion limits:

Lower Explosion limit: no data available
Upper Explosion limit: no data available
Oxidizing properties: no data available
Auto-ignition temperature: no data available
pH: 12.00-13.00

Melting point/range: no data available

Boiling point/range: > 100°C

Vapour pressure: no data available

Density: 1.0-1.1

Bulk density: no data available

Water solubility: Mixed with water in all proportion.

Partition coefficient: no data available

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n-octanol/water:

Viscosity, dynamic:

Relative vapour density:

Evaporation rate:

no data available
no data available
no data available

9.2 Other information

Conductivity: no data available

# Section 10: Stability and reactivity

## 10.1 Reactivity

The product is stable under normal condition.

# 10.2 Chemical stability

Stable under normal conditions.

#### 10.3Possibility of hazardous reactions

Hazardous reactions: None under normal processing

## 10.4 Conditions to avoid

Conditions to avoid: None under normal processing

#### 10.5 Incompatible materials

Materials to avoid: None in particular.

#### 10.6 Hazardous decomposition products

Hazardous decomposition products: None under normal use.

# Section 11: Toxicological information

## 11.1 Information on toxicological effects

## Acute toxicity

Acute oral toxicity: Harmful if swallowed.

Acute dermal toxicity Cause skin irritation.

Skin irritation: Allergic people cause skin irritation

Eye irritation: Cause serious eye irritation.

Skin sensitization: Cause an allergic skin reaction.

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

Specific target organ toxic, single exposure No information available

Specific target organ toxic, repeated exposure No information available

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# Section 12: Ecological information

**12.1 Toxicity** Toxic to aquatic life

12.2 Persistence and degradability No information available

12.3 Bioaccumulative potential May cause long lasting harmful effect to aquatic life

**12.4 Mobility in soil**No information available

12.5 Result of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other advice effects**No information available

# Section 13: Disposal considerations

#### 13.1 Waste treatment methods

Product: Pay attention to local or official regulations.

Contaminated packaging: Pay attention to local or official regulations.

## **14 Transport information**

14.1 UN number

ADR: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.2 Proper shipping name

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.4 Packing group

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.5 Environmental hazards

ADR: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods







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see chapter 6-8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks Not applicable

# Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture This information is not available.

# 15.2 Chemical safety Assessment

This information is not available.

# Section 16: Other information

Full text of H-Statements referred to under section 2 and 3.

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#### Full text of P-Statements referred to under section 2 and 3.

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P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measure to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

Department issuing SDS: Technical department