

# Sulfonion<sup>®</sup> N70

(Sodium Lauryl Ether Sulfate (2EO) 70%)

Lion Corporation (Thailand) Ltd.

## Safety Data Sheet

Revision No.: 4      Issues date: 11/01/2023

### SECTION 1 – IDENTIFICATION OF THE SUBSTANCE OF MIXTURE AND OF THE SUPPLIER

#### Product identifier used on the label :

**Product name**                      Sulfonion<sup>®</sup> N70  
**Recommended use**                Shake well before use

#### Detail of the supplier :

**Company name**                      Lion Corporation (Thailand) Ltd.  
Head Office: 666 Rama 3 Rd., Bangpongpan, Yannawa, Bangkok  
10120 Thailand  
**Address**                                Factory: 602 Moo 11 Sukhapiban 8 Rd., Nongkham, Sriracha, Chonburi  
20230 Thailand  
**Telephone**                            +66 (2)294 0191 ext. 283  
**Fax**                                        Not available  
**Website**                                www.lion.co.th  
**Email**                                    Info\_cb@lion.co.th  
**Emergency telephone number :**    +66(2) 294-1783

### SECTION 2 - HAZARDS IDENTIFICATION

#### GHS classification of the substance / mixture

Acute oral toxicity                      Category 4  
Skin corrosion / irritation              Category 2  
Serious eye damage/eye irritation    Category 2B  
Acute aquatic hazard                    Category 2

#### GHS label elements :

##### Pictogram



##### Signal Word :

WARNING

##### Hazard statements :

**H302**                                      Harmful if swallowed  
**H315**                                      Causes skin irritation.  
**H320**                                      Causes eye irritation.  
**H401**                                      Toxic to aquatic life.

##### Precautionary statements prevention :

**P264**                                      Wash thoroughly with water and soap after handling.  
**P270**                                      Do not eat, drink or smoke when using this product  
**P273**                                      Avoid release to the environment.  
**P280**                                      Wear protective gloves/protective clothing/eye protection/face protection.



# SAFETY DATA SHEET

## Sulfonion® N70

Revision No.: 4      Issues date: 11/01/2023

### Precautionary statements response :

<b>P301+P312</b>	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
<b>P302+P352</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P330</b>	Rinse mouth.
<b>P332+P337+P313</b>	IF SKIN irritation occurs: Get medical advice/attention.
<b>P362</b>	Take off contaminated clothing and wash before reuse.

### Precautionary statements storage :

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### Precautionary statements disposal :

<b>P501</b>	Dispose of contents/container to hazardous waste collection point.
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## SECTION 3 - COMPOSITION AND INGREDIENTS

<u>CAS No.</u>	<u>Concentration %</u>	<u>Components</u>
7732-18-5	< 31 %	Water
9004-82-4	69 - 72 %	Sodium Lauryl Ether Sulphate

## SECTION 4 - FIRST AID MEASURES

### Description of first aid measures:

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
Inhalation	Move victim to fresh air. If not breathing, give artificial respiration and consult a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

### Most important symptoms:

Acute effects	Irritating to skin and eyes.
Delayed effects	No data available

### Indication of any immediate medical attention and special treatment needed :

Treat symptomatically

## SAFETY DATA SHEET Sulfonion® N70

Revision No.: 4 Issues date: 11/01/2023

### SECTION 5 - FIRE FIGHTING MEASURES

#### Extinguishing Media :

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Unsuitable extinguishing media No data available.

#### Special hazards arising from the substrate or mixture:

Combustion produces carbon dioxide, carbon monoxide and oxides of Sulfur.  
When heated to decomposition, toxic fumes of SO<sub>2</sub> and SO<sub>3</sub> are emitted.

#### Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus for firefighting.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment.  
Ensure adequate ventilation.  
Avoid contact with skin, eyes and clothing.

#### Environmental precautions :

Do not flush into surface water or sanitary sewer system.

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

Remove all ignition sources. Contain released product, pump into suitable containers. Clean contaminated surfaces with an excess of water. Carefully collect the spill. Wash clothing and equipment after handling

### SECTION 7 - HANDLING AND STORAGE

#### Precautions for safe handling :

Keep away from naked sources of ignition or heat  
Wear personal protective equipment.  
Ensure adequate ventilation.  
Do not get in eyes, on skin or on clothing.  
Avoid inhalation.

#### Conditions for safe storage, including any incompatibilities :

Keep containers tightly closed in a dry, cool and well-ventilated place.

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

#### Control parameters :

No data available

#### Appropriate engineering controls :

Use ventilation, local exhaust

#### Personal protection :





## SAFETY DATA SHEET

### Sulfonion® N70

Revision No.: 4      Issues date: 11/01/2023

Eye and face protection	Wear appropriate protective eyeglasses or chemical safety goggles
Skin protection	Long sleeved clothing.
Respiratory protection	None required, when adequate ventilation is available. If airborne concentration is high, use a mask or respirator.
Body Protection	Chemical suit

**Work / Hygienic Practices :** Handle in accordance with good industrial hygiene and safety practice.

#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

##### Information on basic physical and chemical properties :

<b>Appearance and Color :</b>	White to Light yellow paste
<b>Odour :</b>	Product specific
<b>Odour threshold :</b>	No data available
<b>pH (3% Sol.) :</b>	7.0 – 9.0
<b>Melting point / freezing point (°C) :</b>	No data available
<b>Initial boiling point and boiling range (°C) :</b>	99.0
<b>Flash point (°C) :</b>	91.0
<b>Pour point (°C) :</b>	+12
<b>Evaporation rate :</b>	No data available
<b>Flammability :</b>	No data available
<b>Lower explosion limit (%) :</b>	None
<b>Upper explosive limit (%) :</b>	None
<b>Vapour pressure (kPa) :</b>	No data available
<b>Vapour density (Air = 1) :</b>	No data available
<b>Relative density (at 25 °C) :</b>	1.00 - 1.10 g/cm <sup>3</sup>
<b>Solubility (g/l) :</b>	Readily soluble
<b>Partition coefficient: noctanol/water log Pow :</b>	No data available
<b>Auto ignition temperature :</b>	No data available
<b>Decomposition temperature :</b>	No data available
<b>Viscosity (at 30 °C) :</b>	> 10,000 mPa*s

#### SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity :</b>	The product is non-reactive under normal conditions
<b>Chemical stability :</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions :</b>	Will not occur
<b>Conditions to avoid :</b>	Extremes of temperature, high humidity and direct sunlight.
<b>Incompatible materials :</b>	Acids, Alkalines, Caustics, Halogens, Reactive chemicals
<b>Hazardous decomposition products :</b>	Sulfur dioxide, Sulfur trioxide



# SAFETY DATA SHEET

## Sulfonion® N70

Revision No.: 4 Issues date: 11/01/2023

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### Classification of Physical Hazards :

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#### Classification of Health Hazards :

Acute oral toxicity	Harmful of swallowed.
Acute dermal toxicity	Classification not possible.
Acute inhalation toxicity	Classification not possible.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes eye irritation.
Respiratory or skin sensitization	Classification not possible.
Germ cell mutagenicity	Classification not possible.
Carcinogenicity	Classification not possible.
Reproductive toxicity	Classification not possible.
Specific target organ toxicity - single exposure	Classification not possible.
Specific target organ toxicity -repeated exposure	Classification not possible.
Aspiration hazard	Classification not possible.

### SECTION 12 - ECOLOGICAL INFORMATION

#### Ecotoxicity :

Acute aquatic hazard	Toxic to aquatic life.
Long-term aquatic hazard	Classification not possible.

**Biodegradability :** 85% (28 d, OECD 301D : 1992 : CLOSED BOTTLETEST)

**Persistence and degradability :** No data available.

**Bioaccumulative potential :** No data available.

**Mobility in soil :** No data available.

**Other adverse effects :** No data available.

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste treatment methods :** Dispose in accordance with all applicable regulations.

**Contaminated packaging :** Dispose of product in the bin.

### SECTION 14 - TRANSPORT INFORMATION

**Finished packaged product transported by ground (DOT) :** Non hazardous

**Finished packaged product transported by vessel (IMDG) :** Non hazardous

**Finished packaged product transported by air (IATA) :** Non hazardous



# SAFETY DATA SHEET

## Sulfonion® N70

Revision No.: 4      Issues date: 11/01/2023

### SECTION 15 - REGULATORY INFORMATION

#### Safety, health and environmental regulations / legislation specific for the substance or mixture :

Sodium Lauryl Ether Sulphate (9004-82-4) is found on the following regulatory lists    Hazardous chemicals    inventory

National Inventory	Status
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Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N
China - IECSC	Y
Europe – EINEC / ELINCS / NLP	N
Japan - ENCS	Y
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y

Legend :

*Y = All ingredients are on the inventory, N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)*

#### Chemical Safety Assessment :

For this product a chemical safety assessment was not carried out.

### SECTION 16 - OTHER INFORMATION

This information is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

#### References:

**- Hazardous Substances Data Bank (HSDB)**

<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>

**- Environmental Protection Authority: HSNO Chemical Classification Information Database (CCID)**

<http://old.epa.govt.nz/search-databases/Pages/HSNO-CCID.aspx>

**- Nite National Institute of Technology and Evaluation**

[http://www.safe.nite.go.jp/english/ghs/ghs\\_index.html](http://www.safe.nite.go.jp/english/ghs/ghs_index.html)