

Sulfonion® N28A

(Sodium Lauryl Ether Sulfate (2EO) 27%)

Lion Corporation (Thailand) Ltd.

Safety Data Sheet

Revision No.: 2 Issues date: 12/01/2023

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

Product identifier used on the label :

Product name Sulfonion® N28A
Recommended use Shake well before use

Detail of the supplier :

Company name Lion Corporation (Thailand) Ltd.
Address Head Office: 666 Rama 3 Rd., Bangpongpan, Yannawa, Bangkok
10120 Thailand
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® N28A

Revision No.: 2 Issues date: 12/01/2023

Precautionary statements response :

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

Precautionary statements storage :

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Precautionary statements disposal :

P501	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	> 72 %	Water
9004-82-4	26-28 %	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® N28A

Revision No.: 2 Issues date: 12/01/2023

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 SO₂ and SO₃ 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® N28A

Revision No.: 2 Issues date: 12/01/2023

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 :

Appearance and Color :	Clear liquid – light yellow liquid
Odour :	Product specific
Odour threshold :	No data available
pH (1% Sol.) :	9.0 - 11.0
Melting point / freezing point (°C) :	No data available
Initial boiling point and boiling range (°C) :	99.0
Flash point (°C) :	91.0
Pour point (°C) :	+12
Evaporation rate :	No data available
Flammability :	No data available
Lower explosion limit (%) :	None
Upper explosive limit (%) :	None
Vapour pressure (kPa) :	No data available
Vapour density (Air = 1) :	No data available
Relative density (Water = 1) :	No data available
Solubility (g/l) :	Readily soluble
Partition coefficient: noctanol/water log Pow :	No data available
Auto ignition temperature :	No data available
Decomposition temperature :	No data available
Viscosity (at 30 °C) :	No data available

SECTION 10 - STABILITY AND REACTIVITY

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



SAFETY DATA SHEET

Sulfonion® N28A

Revision No.: 2 Issues date: 12/01/2023

SECTION 11 - TOXICOLOGICAL INFORMATION

Classification of Physical Hazards :

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Classification of Health Hazards :

Acute oral toxicity	Harmful if 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[®] N28A

Revision No.: 2 Issues date: 12/01/2023

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