

**SORIK Li**

**SECTION 1 – Identification of the substance/mixture and of the company/undertaking**

<b>1.1 – Product identifier</b>	SORIK Li
<b>1.2 – Relevant identified uses of the substance or mixture and uses advised against</b>	<i>Relevant identified uses:</i> extinguishing agent for portable fire extinguishers – with water with additives. Sector of use: professional uses [SU22]. <i>Uses advised against:</i> uses other than those identified as relevant.
<b>1.3 – Details of the supplier of the safety data sheet</b>	ANAF FIRE PROTECTION S.P.A. Via del Commercio, 4 27020 Torre d'Isola (PV), Italy Tel.: +39 (0)382 45 33 Fax.: + 39 (0)283 92 02 79 e-mail: <a href="mailto:info@anaf.eu">info@anaf.eu</a> internet: <a href="http://www.anaf.eu">www.anaf.eu</a>
<b>1.4 – Emergency telephone number</b>	Tel.: +39 (0)382 45 33 Number available only at the following: 8.30-12.30, 13.30-17.30 (UTC) – Monday to Friday

**SECTION 2 – Hazards identification**

<b>2.1 – Classification of the substance or mixture</b>	<i>Classification of the substance or mixture according to Reg. (EC) no. 1272/2008</i> The product does not meet the classification criteria in any hazard class in accordance with Regulation (EC) no. 1272/2008 relating to the classification, labelling and packaging of substances and mixtures.
<b>2.2 – Label elements</b>	Pictograms: <i>none</i>  Warning: <i>none</i>  Hazard statements: <i>none</i>  Precautionary statements: <i>none</i>
<b>2.3 – Other hazards</b>	<i>PBT, vPvB identification:</i> the mixture does not contain substances that meet the criteria set out in Annex XIII of Reg. 1907/2006 (REACH) as PBT or vPvB.  <i>Properties as an endocrine disruptor:</i> the mixture does not contain substances included in the list of art. 59, par. 1, of Reg. 1907/2006 (REACH) due to properties of interference with the endocrine system. The mixture does not contain substances identified as disrupting the endocrine system in accordance with the criteria established in Reg. (EU) 2017/2100 or in Reg. (EU) 2018/605.  <i>Information on other hazards which do not lead to classification:</i> Not applicable.

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**SECTION 3 – Composition/information on ingredients**

**3.1 – Substances** Not relevant.

**3.2 – Mixtures**

There are no substances that require the obligation to indicate pursuant to Annex II, point 3.2, of Reg. (EC) n. 1907/2006.

**SECTION 4 – First aid measures**

**4.1 – Description of first aid measures**  
Inhalation: ventilate the area. Immediately remove the patient from the contaminated area and let him/her rest in a well-ventilated room. If anyone feels unwell, consult a doctor.  
Skin contact (of the pure product): wash thoroughly with soap and water.  
Eye contact: wash immediately with plenty of water for at least 10 minutes, protecting the unaffected eye.  
Ingestion: rinse the mouth with water. Consult a doctor.

**4.2 – Most important symptoms and effects, both acute and delayed**  
 No data available.

**4.3 – Indication of any immediate medical attention and special treatment needed**  
 No data available.

**SECTION 5 – Firefighting measures**

**5.1 – Extinguishing media**  
Suitable fire-extinguishing methods: not applicable. The product is a fire-extinguishing agent.  
Unsuitable fire-extinguishing media: not applicable.

**5.2 – Special hazards arising from the substance or mixture**  
 No data available.

**5.3 – Advice for firefighters**  
 Specific firefighting methods: open the doors and windows of the room for maximum ventilation. Avoid breathing in (toxic) fumes. People should be situated upwind from the fire. Special protection when fighting fires: use a self-contained breathing apparatus if fumes are present. Dispose of fire residue and contaminated water in accordance with official regulations.

**SECTION 6 – Accidental release measures**

**6.1 – Personal precautions, protective equipment and emergency procedures**  
 6.1.1 For non-emergency personnel: wear protective gloves and clothing.  
 6.1.2 For emergency responders: wear protective gloves and clothing. Provide adequate ventilation. Evacuate the hazardous area and, if necessary, consult an expert.

**6.2 – Environmental precautions**  
 Contain leaks with earth or sand.  
 If the product has run into a waterway, sewer system or has contaminated soil or vegetation, notify the relevant authorities. Dispose of the residue in accordance with current regulations.

**6.3 – Methods and material for containment and cleaning up**  
 Contain leaks with earth or sand.

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	If the product has run into a waterway, sewer system or has contaminated soil or vegetation, notify the relevant authorities. Dispose of the residue in accordance with current regulations.
<b>6.4 – Reference to other sections</b>	Refer to sections 8 and 13 for more information.

### SECTION 7 – Handling and storage

<b>7.1 – Precautions for safe handling</b>	Avoid contact with and inhalation of fumes. Do not eat or drink during use. See section 8 below.
<b>7.2 – Conditions for safe storage, including any incompatibilities</b>	Store in the original, tightly closed container. Do not store in open or unlabelled containers. Keep containers upright and secure, avoiding the possibility of falls or impacts. Store in a cool place, away from heat sources and direct sunlight.
<b>7.3 – Specific end use(s)</b>	Professional uses: follow good hygiene in the workplace.

### SECTION 8 – Exposure controls/personal protection

<b>8.1 – Control parameters</b>	No data available.
<b>8.2 – Exposure controls</b>	<p><i>8.2.1 Appropriate technical controls</i> Professional uses. Ventilate the room well. Observe the usual safety measures for handling chemicals.</p> <p><i>8.2.2. Individual protection</i> <u>Eye/face protection</u>: not required for normal use. <u>Hand protection</u>: Use chemical-resistant safety gloves (EN374-1/EN374-2/EN374-3) when handling the pure product. <u>Other</u>: wear normal work clothes. <u>Respiratory protection</u>: not required for normal use. <u>Thermal hazards</u>: no hazards to report. <u>Environmental exposure controls</u>: use according to good working practices, avoiding dispersal of the product in the environment.</p>

### SECTION 9 – Physical and chemical properties

<b>9.1 – Information on basic physical and chemical properties</b>	<i>a. physical state</i>	liquid
	<i>b. colour</i>	data not available for the mixture
	<i>c. odour</i>	data not available for the mixture
	<i>d. melting point/freezing point</i>	data not available for the mixture
	<i>e. boiling point or initial boiling point and boiling range</i>	data not available for the mixture
	<i>f. flammability</i>	not flammable (extinguishing agent)
	<i>g. lower and upper explosion limit</i>	not relevant (extinguishing agent)
	<i>h. flash point</i>	not flammable (extinguishing agent)
	<i>i. auto-ignition temperature</i>	data not available for the mixture

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<i>j. decomposition temperature</i>	data not available for the mixture
<i>k. pH</i>	data not available for the mixture
<i>l. kinematic viscosity</i>	data not available for the mixture
<i>m. solubility</i>	data not available for the mixture
<i>n. partition coefficient n-octanol/water (log value)</i>	data not available for the mixture
<i>o. vapour pressure</i>	data not available for the mixture
<i>p. density and/or relative density</i>	data not available for the mixture
<i>q. relative vapour density</i>	data not available for the mixture
<i>r. particle characteristics</i>	data not available for the mixture

**9.2 – Other information**

Information relating to physical hazard classes:  
no data available.

**SECTION 10 – Stability and reactivity**

<b>10.1 – Reactivity</b>	No risk of reactivity.
<b>10.2 – Chemical stability</b>	No hazardous reactions if handled or stored in accordance with regulations.
<b>10.3 – Possibility of hazardous reactions</b>	No dangerous reactions are expected.
<b>10.4 – Conditions to avoid</b>	None known.
<b>10.5 – Incompatible materials</b>	None known.
<b>10.6 – Hazardous decomposition products</b>	Not subject to decomposition when used for its intended purpose.

**SECTION 11 – Toxicological information**

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

**11.1 – Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- a. acute toxicity:**  
based on available data, the classification criteria are not met.
- b. skin corrosion/irritation:**  
based on available data, the classification criteria are not met.
- c. serious eye damage/irritation:**  
based on available data, the classification criteria are not met.
- d. respiratory or skin sensitisation:**  
based on available data, the classification criteria are not met.
- e. germ cell mutagenicity:**  
based on available data, the classification criteria are not met.
- f. carcinogenicity:**  
based on available data, the classification criteria are not met.
- g. reproductive toxicity:**  
based on available data, the classification criteria are not met.

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- h. **STOT-single exposure:**  
based on available data, the classification criteria are not met.
- i. **STOT-repeated exposure:**  
based on available data, the classification criteria are not met.
- j. **aspiration hazard:**  
based on available data, the classification criteria are not met.

**11.2 – Information on other hazards**

- a. **endocrine disrupting properties:**  
The mixture does not contain any endocrine-disrupting substances.
- b. **other information:**  
no data available.

**SECTION 12 – Ecological information**

<b>12.1 – Toxicity</b>	Use according to good working practices, avoiding dispersal of the product in the environment.
<b>12.2 – Persistence and degradability</b>	No data available.
<b>12.3 – Bioaccumulative potential</b>	No data available.
<b>12.4 – Mobility in soil</b>	No data available.
<b>12.5 – Results of PBT and vPvB assessment</b>	No PBT or vPvB identified component is present.
<b>12.6 – Endocrine disrupting properties</b>	No data available.
<b>12.7 – Other adverse effects</b>	No adverse effects found.

**SECTION 13 – Disposal considerations**

<b>13.1 – Waste treatment methods</b>	Do not reuse empty containers. Dispose of them in compliance with current regulations. Any product residues must be disposed of in accordance with current regulations by contacting authorized companies. Recover if possible. Operate according to local or national regulations in force.
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**SECTION 14 – Transport information**

<b>14.1 – UN number or ID number</b>	<b>Regulations</b>	<b>UN number</b>
	ADR/RID/ADN	not applicable
	IMDG Code	
	ICAO-TI/IATA-DGR	
<b>14.2 – UN proper shipping name</b>	<b>Regulations</b>	<b>Proper shipping number</b>
	ADR/RID/ADN	not applicable
	IMDG Code	
	ICAO-TI/IATA-DGR	
<b>14.3 – Transport hazard class(es)</b>	<b>Regulations</b>	<b>Transport hazard class(es)</b>
	ADR/RID/ADN	not applicable
	IMDG Code	
	ICAO-TI/IATA-DGR	

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<b>14.4 – Packing group</b>	<b>Regulations</b>	<b>Packing group</b>
	ADR/RID/ADN	not applicable
	IMDG Code	
	ICAO-TI/IATA-DGR	
<b>14.5 – Environmental hazards</b>	<b>Regulations</b>	<b>Environmental hazards</b>
	ADR/RID/ADN	not applicable
	IMDG Code	
	ICAO-TI/IATA-DGR	
<b>14.6 – Special precautions for user</b>	None in particular.	
<b>14.7 – Maritime transport in bulk according to IMO instruments</b>	Not applicable.	

**SECTION 15 – Regulatory information**

<b>15.1 – Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	Reg. (EC) n. 1907/2006 (REACH)
<b>15.2 – Chemical safety assessment</b>	The supplier has not carried out a chemical safety assessment.

**SECTION 16 – Other information**

**Document information**

The product described in the SDS falls within the scope of the art. 32 of the Reg. (EC) 1907/2006, for which there is an obligation to communicate certain information downstream of the supply chain. However, the product supplier has drawn up this document, on a voluntary basis, according to the standard required for SDSs, as governed by Annex II of Reg. (EC) 1907/2006 as updated by Reg. (EU) 2020/878.

**Notice to users**

This document is intended to provide guidance: 1) for appropriate and careful handling of the product by qualified personnel or personnel who work under the supervision of personnel skilled in the handling of chemical substances; 2) for emergency management; 3) for the assessment and management of risks deriving from the use, handling, transport and storage of the product. The product must not be used for purposes other than those indicated in section 1. The information contained in this SDS is based on the knowledge available at the date of compilation relating to the requirements for safety, health, environmental protection and correct use of the product.

The person responsible for this document cannot provide warnings about all the dangers deriving from the use or interaction with other chemicals or materials. The user is responsible for the safe use of the product, the adequacy of the product for the use for which it is applied and its correct disposal.

The information provided is not to be considered a declaration or guarantee, either expressed or implied, of merchantability, fitness for a particular purpose, quality, or of any nature.

The user must bear in mind the possible risks associated with a use other than that for which the product is supplied.

This SDS does not in any case dispense the user from knowledge and from the application of the set of regulations pertinent to his activity.

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This SDS does not exempt the user from ensuring that he does not have obligations other than those mentioned and regulating the possession and use of the product for which he is solely responsible.

**Change list**

Rev. 2 – First revision

**Abbreviations and acronyms**

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS [Number]: Chemical American Society [Number]

CE50: Median effective concentration

CL50: Average lethal concentration

DL50: Average lethal dose.

DNEL: Derived No Effect Level.

IARC: International Agency for Research on Cancer

ICAO-TI: International Civil Aviation Organization – Technical Instruction

IMDG-Code: International Maritime Dangerous Goods Code

LEL: Lower Explosion Level

PBT: Persistent, Bioaccumulative, Toxic

RID: European Agreement concerning the International Carriage of Dangerous Goods by Railroad

STOT: Specific Target Organ Toxicity

UEL: Upper Explosion Level

vPvB: very persistent, very bioaccumulative.

**Hazard statements mentioned in the safety data sheet:**

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**Bibliography:**

SDS of similar extinguishing mixtures

ECHA website

IFA-Gestis website