

**Safety data sheet**  
**According to Regulation n. 1907/2006 and Regulation 878/2020**  
**SODIUM AU SULPHITE 100 g / l**



Revision n. IX of 30.11.2022  
 Replaces revision n. VIII of 06.11.2021

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier**  
 Commercial name SODIUM AU SULPHITE 100 g / l  
 Product code 74  
 1174  
 Registration number A registration number is not available for this product as it is a mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
 Intended uses Industrial uses  
 Advised against uses Check section 15
- 1.3 Details of the supplier of the safety data sheet**  
 Name FAGGI ENRICO S.P.A.  
 Address Via Majorana, 101/103 50019 Sesto Fiorentino FI  
 Telephone number 055311861  
 Fax number 055311791  
 Competent person responsible for the safety data sheet lorenzo.magaldi@faggi.it
- 1.4 Emergency telephone number** 111 - Medical helpline operating in England, in Scotland (NHS 24) and in Wales (NHS Direct Wales)

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture according to Regulation (EC) n. 1272/2008**

Hazard classes	Category codes	Hazard statements
Skin Irr.	2	H315
Eye Irr.	2	H319
STOT SE	3	H335
		EUH031

**2.2 Label elements**  
**Pictograms**



<b>Signal word</b>	<b>WARNING</b>	
<b>Hazard statements</b>	H315 H319 H335 EUH031	Causes skin irritation Causes serious eye irritation May cause respiratory irritation Contact with acids liberates toxic gas
<b>Precautionary statements</b>	P264 P280	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

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P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352	IF ON SKIN: Wash with plenty of water
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332 + P313	If skin irritation occurs: Get medical advice/attention

**2.3 Other hazards**  
 It does NOT contain PBT / vPvB substances according to Regulation (EC) 1907/2006, annex XIII  
 It does NOT contain substances that interfere with the endocrine system in accordance with Regulation (EC) 1907/2006 art.59 paragraph 1 and in accordance with the criteria established in Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixture**

Product identifier	Concentration %	Classification	
		Hazard classes	Category codes
Gold (I) disulfite trisodium	$20 \leq C \leq 25$	Skin irrit. 2	H315
CAS 19153-98-1		Eye irrit. 2	H319
EC: 242-846-5		STOT SE 3	H335
INDEX: not available			EUH031
REACH number: exempt for quantity			
ATE: not applicable			
M factor: not applicable			

**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

Inhalation	If the person has fainted, keep him stable on his side during transport.
Ingestion	Call a doctor immediately. Drink plenty of water and stop in a well-ventilated area. Seek immediate medical attention. Do not induce vomiting.
Skin contact	Wash immediately abundantly with water and soap .
Eye contact	Wash with running water for several minutes holding the eyelids wide open and get medical attention.

**Reccomendation:**

- **Need to see a doctor immediately** **YES**

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- **Possibility of delayed effects following exposure** **NO**
  - **Move the exposed individual from the place of exposure to the open air** **YES**
  - **Remove the clothing and shoes of the exposed individual** **YES**
  - **How to handle contaminated clothing** **With gloves**
  - **For those providing first aid, wear PPE** **YES**
- 4.2 Most important symptoms and effects, both acute and delayed**  
Severe skin burns and severe eye damage. Harmful if swallowed. It can irritate the respiratory tract.
- 4.3 Indication of any immediate medical attention and special treatment needed**  
Consult a physician immediately.
- 5. FIREFIGHTING MEASURES**
- 5.1 Extinguishing media**  
**Suitable extinguishing media:** Suitable extinguishing media: CO<sub>2</sub>, powder or water spray extinguishers. Extinguish large fires with water spray or alcohol-resistant foam.  
**Non suitable extinguishing media:** None in particular.
- 5.2 Special hazards arising from the substance or mixture**  
In case of fire it can develop toxic sulfur oxide gases.
- 5.3 Advice for firefighters**  
**General information** Normal fire-fighting clothing, such as self-contained open-circuit compressed air breathing apparatus (EN137), flame retardant suit (EN469), flame retardant gloves (EN659) and firefighter boots (HOA29 or A30).  
**Equipment**
- 6. ACCIDENTAL RELEASE MEASURES**
- 6.1 Personal precautions, protective equipment, and emergency procedures**
- 6.1.1. For non-emergency personnel**  
Move away from contaminated area.
- 6.1.2. For emergency responders**  
Gloves for chemical risks compliant with EN420 EN374 standards  
Splash goggles compliant with Directive 89/686 / EEC and standard EN166: 2001  
Complete clothing compliant with the UNI EN 13034: 2006 standard.  
Check for spills with absorbent material.
- 6.2 Environmental precautions**  
Prevent infiltration into the sewer / surface water / ground water.
- 6.3 Methods and material for containment and cleaning up**
- 6.3.1. Advice to contain a spill**  
Collect the liquid with absorbent material (sand, tripoli, universal binder, sawdust).
- 6.3.2. Advice to clean-up a spill**  
Dispose of contaminated material according to section 13.
- 6.4 Reference to other sections**  
None
- 7. HANDLING AND STORAGE**

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- 7.1. Precautions for safe handling**
- 7.1.1. *Raccomentations to manipulate the substance or the mixture in a safe manner, such as containment measures and prevention of fire and aerosol and powders formation***  
None in particular
- 7.1.2. *General recommendation on work hygiene***  
Do not eat, drink and smoke in work areas. Wash your hands after use.  
Remove contaminated clothing and protective equipment before entering eating areas.
- 7.2. Conditions for safe storage, including any incompatibilities**
- 7.2.1. *Risk management associated with explosive atmospheres, corrosive conditions, flammability hazards, incompatible substances or mixtures, evaporative conditions, potential ignition sources***  
To store seperately from acids.
- 7.2.2. *Control of weather conditions, ambient pressure, temperature, sunlight, humidity, and vibration***  
Store in the original labeled packaging and close them immediately after use.
- 7.2.3. *Conditions for keeping substances / mixtures intact***  
Store in the original labeled packaging and close them immediately after use.
- 7.2.4. *Advice regarding the ventilation, specific design for storage rooms or vessels, quantity limits under storage conditions, packaging compatibilities***  
Handle under fume hood.
- 7.3. Specific end use(s)**  
Industrial use.
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
- 8.1. Control parameters**  
For this mixture, the occupational and biological exposure limit values corresponding to the relative Community limit values referred to in Directives 98/24 / EC and 2004/37 / EC have not been established.
- 8.2. Exposure controls**
- 8.2.1. *Appropriate engineering controls***  
Use under a fume hood. Periodically check the capacity of the hoods.
- 8.2.2. *Individual protection measures, such as personal protective equipment***
- |                                |   |
|--------------------------------|---|
| <b>Eye/face protection</b>     | Splash goggles compliant with Directive 89/686 / EEC and standard EN166: 2001 |
| <b>Skin protection (hands)</b> | Gloves for chemical risks compliant with EN420 EN374 standards                |
| <b>Skin protection (body)</b>  | Complete clothing compliant with the UNI EN 13034: 2006 standard              |
| <b>Respiratory protection</b>  | Semi-face mask with filters E - P2 (yellow-white)                             |
- 8.2.3. *Environmental exposure controls***  
Keep all environments under suction using localized collection systems and room air exchange systems. Convey the aspirated volumes to an abatement

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system and then into the atmosphere. Do not use recirculating air suction systems. Avoids any spillage into the environment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Colour	Pale yellow
Odour	Odourless
Melting point/freezing point	< 0 °C
Boiling point or initial boiling point and boiling range	> 80 °C
Flammability	Not flammable
Lower and upper explosion limit	Not explosive
Flash point	Not flammable
Auto-ignition temperature	Not flammable
Decomposition temperature	Not applicable
pH	> 12 a 20° C
Kinematic viscosity	Undefined
Solubility	Fully miscible in water
Partition coefficient n-octanol/water (log value)	Not applicable
Vapour pressure	2.33 kPa
Density and/or relative density	1.19 g/cm <sup>3</sup>
Relative vapour density	Not available data
Particle characteristics	Not applicable

**9.2. Other information**

None

**10 STABILITY AND REACTIVITY**

**10.1 Reactivity**

The product has reducing characteristics

**10.2 Chemical stability**

The product is stable under normal conditions of use.

**10.3 Possibility of hazardous reactions**

In contact with acids it releases poisonous gases.

**10.4 Conditions to avoid**

No information available

**10.5 Incompatible materials**

The product can react dangerously with acids or oxidizing agents.

**10.6 Hazardous decomposition products**

Sulfur oxides.

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**11 TOXICOLOGICAL INFORMATION**

<b>11.1</b>	<b>Information on hazard classes as defined in Regulation (CE) No 1272/2008</b>	
	<b>Acute toxicity</b>	Not available information
	<b>Skin corrosion/irritation</b>	Corrosive to the skin and mucous membranes
	<b>Serious eye damage/irritation</b>	Irritant
	<b>Respiratory or skin sensitization</b>	Based on available data, the classification criteria are not met
	<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
	<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met
	<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
	<b>(STOT) single exposure</b>	Irritating to respiratory tract
	<b>(STOT) repeated exposure</b>	Not available information
	<b>Aspiration hazard</b>	Irritating to respiratory tract
<b>11.2</b>	<b>Information on others hazards</b>	
	None	

**12 ECOLOGICAL INFORMATION**

<b>12.1</b>	<b>Toxicity</b>	Based on available data, the classification criteria are not met
<b>12.2</b>	<b>Persistence and degradability</b>	Not persistent
<b>12.3</b>	<b>Bioaccumulative potential</b>	Not bioaccumulable
<b>12.4</b>	<b>Mobility in soil</b>	The product is soluble and can therefore penetrate into the aquifers
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	Not applicable
<b>12.6</b>	<b>Endocrine disrupting properties</b>	No information available
<b>12.7</b>	<b>Other adverse effects</b>	None known

**13 DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**  
 Use water with the addition of detergents. The product and its packaging must be disposed of as hazardous waste at authorized companies.

**14 TRANSPORT INFORMATION**

<b>14.1</b>	<b>UN number or ID number</b>	Not applicable
<b>14.2</b>	<b>UN proper shipping name</b>	Not applicable
<b>14.3</b>	<b>Transport hazard class(es)</b>	Not applicable
<b>14.4</b>	<b>Packing group</b>	Not applicable
<b>14.5</b>	<b>Environmental hazards</b>	Not applicable
<b>14.6</b>	<b>Special precautions for user</b>	Not applicable

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**14.7** Maritime transport in bulk according to IMO instruments Not applicable

**15 REGULATORY INFORMATION**

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	<b>Applicability</b>
	<i>Reg. (CE) 1907/2006/CE Reach</i>	YES
	<i>Reg. (CE) 1272/2008 CLP and subsequent amendements</i>	YES
	<i>Reg. (CE) 2037/2000 "Substances that deplete the ozone layer"</i>	NO
	<i>Reg. (CE) 850/2004 "Persistent organic pollutants"</i>	NO
	<i>Reg. (CE) 689/2008 "Export and import of hazardous chemicals"</i>	NO
	<i>Substance listed in Annex I of Dir. 2012/18/UE cd Seveso</i>	NO
	<i>Directive 81/2008 Consolidated Act on protection of health and work safety</i>	YES
	<i>Directive 2014/103/UE "Adr"</i>	NO
	Reg. (CE) 1907/2006/CE Reach art. 59 – Candidate List of Substances of Very High Concern (SVHC)	NO
	Reg. (CE) 1907/2006/CE Reach - Annex XIV – Authorisation List	NO
	Reg. (CE) 1907/2006/CE Reach - Annex XVII – Restriction List	Limited use
	<a href="https://echa.europa.eu/it/substances-restricted-under-reach">https://echa.europa.eu/it/substances-restricted-under-reach</a>	Item 3 - 75 (check link)

**15.2** Chemical safety assessment  
 A chemical safety assessment was not carried out

**16 OTHER INFORMATION**

**Changes compared to the previous edition**

Update to current legislation. Changes to section 2

**Acronim and abbreviation legend**

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstract Service

**Main references and data sources**

ECHA's data bank on registered substances and soon to be registered substances:

<http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>

**Reporting, for mixtures, which methods of evaluating the information were used for the purposes of classification.**

	<b>Classification</b>	<b>Classification procedure</b>
Skin Irr. 2	H315	Calculation method
Eye Irr. 2	H319	Calculation method
STOT SE 3	H335	Calculation method

**Adequate training for workers to guarantee the protection of human health and the environment**

- Training on the chemical risk ex Directive 81/08 Title IX dangerous substances
- Training on PPE