

# FLUOZINC

## Safety Data Sheet

Complies with Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EU) 2020/878

### HEADING 1: Identification of the substance/mixture and the company/company

#### 1.1. Product Identifier

Product Shape : Mixture  
Product Name : FLUOZINC  
Product Type : Commercial zinc stearate suspension in water (approx. 50%)

#### 1.2. Relevant identified uses of the substance or mixture and discouraged uses

##### 1.2.1. Relevant identified uses

Use of the Substance/Mixture : Lubricant For professional use only

##### 1.2.2. Discouraged Uses

No further information available

#### 1.3. Information about the supplier of the safety data sheet

ADC FRANCE  
40 Impasse des Joncs  
26780 Malataverne  
Phone: +33 (0)4 75 54 35 05  
E-mail: [contact@adc-solution.com](mailto:contact@adc-solution.com)

#### 1.4. Emergency number

Emergency telephone number: ORFILA 33 (0)1 45 42 59 59

POISON CONTROL CENTERS:

Paris: 33(0) 1 40 05 48 48

Angers: 33 (0)2 41 48 21 21 Bordeaux: 33 (0)5 56 96 40 80

Lille: 0 825 812 822

Lyon: 33 (0)3 4 72 11 69 11

Marseille: 33(0) 4 91 75 25 25

Nancy: 33 (0)3 83 32 36 36

Rennes: 33 (0)2 99 59 22 22 Strasbourg: 33 (0)3 88 37 37 37

Toulouse: 33 (0)5 61 77 74 47

Toxicovigilance Centres:

GRENOBLE – REIMS - ROUEN

### SECTION 2: Hazard Identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Severe Eye Damage/Eye Irritation, Category 2 H319

Full text of H-entries: see section 16

#### Adverse Physicochemical, Human Health and Environmental Effects

No further information available

#### 2.2. Labelling elements

Labelling according to Regulation (EC) No 1272/2008 [

LP]

Hazard Pictograms (CLP)



GHS07

CLP Warning Statement : Careful

Hazard Statements (CLP) : H319 - Causes severe eye irritation.

Precautionary Statements (CLP) : P280 - Wear protective gloves/protective clothing/eye/face protection.  
P337+P313 - If eye irritation persists: seek medical attention.

#### 2.3. Other Hazards Not Triggering Classification

This substance/mixture does not meet the PBT criteria of the REACH Regulation Annex XIII

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This substance/mixture does not meet the vPvB criteria of the REACH Regulation Annex XIII

### SECTION 3: Composition/Component Information

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product Identifier	%	Classification according to Regulation (EC) No 1272/2008 [CLP]
Zinc (stearate)	(CAS RN) 91051-01-3 (EC No.) 293-049-4 (REACH N°) 01-2119513214-54	~ 50	Uncategorized
Alcohols, C12-15, ethoxylated	(CAS RN) 68131-39-5 (EC No) Not available (REACH N°) Exempt	< 2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Alcohols, C9-11, branched, ethoxylated	(CAS RN) 169107-21-5 (EC No) Not available (REACH No.) Exempted	< 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Full text of H-sentences: see section 16

### SECTION 4: First aid

#### 4.1. Description of first aid

First aid after inhalation	: Evacuate the person to an uncontaminated area. Maintain an open airway. Seek immediate medical attention. Give artificial respiration if she is not breathing.
First Aid After Skin Contact	: Wash carefully and thoroughly with soap and water. Remove contaminated clothing. Sprinkle the contaminated area with water for at least 15 minutes. In case of skin irritation: consult a doctor. Wash contaminated clothing before reuse. In case of burns with the hot product, wash thoroughly with water and consult a doctor.
First Aid After Eye Contact	: Rinse immediately with plenty of water for 15 min. Remove contact lenses if the victim is wearing them and they can be easily removed. Continue to rinse. Consult a doctor.
First Aid After Ingestion	: Seek immediate medical attention. Do not induce vomiting without the advice of a doctor. Never give something by mouth to an unconscious person.

#### 4.2. Main symptoms and effects, acute and delayed

Symptoms/Effects After Eye Contact : Prolonged or repeated contact may worsen irritation.

#### 4.3. Indication of any immediate medical care and special treatment required

No further information available

### HEADING 5: Fire-fighting measures

#### 5.1. Means of extinguishing

Appropriate extinguishing methods : Multi-purpose powders. ABC powder. Inappropriate extinguishing agents : Tap water.

#### 5.2. Special hazards resulting from the substance or mixture

Fire Hazard : Not considered to pose a fire/explosion hazard under normal conditions of use.

Hazardous decomposition products in the event of a fire : Possible release of toxic fumes. Thermal decomposition can cause the release of irritating gases and vapors. During combustion, carbon monoxides (CO and CO2) are formed.

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Phone: + 33 (0) 4 75 54 35 05

Email: [contact@adc-solution.com](mailto:contact@adc-solution.com)

SIREN: 432 961 134 SIRET: 432 961 134 00041

40 Impasse des Joncs D 126 route d'Allan 26780 Malataverne

ADC France with a capital of 163 200 Euros – RCS 432 961 134 VALENCE – V.A.T. FR 64 432 961 134

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### 5.3. Advice for firefighters

Fire Fighting Instructions : Move away from any source of ignition.  
Protective equipment for firefighters : Use a self-contained breathing apparatus and also protective clothing.

## SECTION 6: Measures to be taken in the event of accidental dispersal

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General measures : Do not smoke during use.

#### 6.1.1. For non-first aiders

Protective equipment : Wear appropriate protective clothing. Wear recommended personal protective equipment. See Chapter 8.

Emergency Procedures : Contact emergency personnel immediately. Evacuate the area.

#### 6.1.2. For first aiders

Protective equipment : In case of fire: Use a self-contained breathing apparatus. Wear appropriate protective clothing. Wear recommended personal protective equipment.

Emergency Procedures : Evacuate and restrict access.

### 6.2. Precautions for the protection of the environment

Do not allow groundwater, water bodies or pipes to penetrate.

### 6.3. Containment and Clean-up Methods and Equipment

For Retention : Eliminate leaks immediately.

Cleaning Processes : Adsorb with sand or other non-combustible material. Collect the spilled product in a container suitable for disposal. Do not absorb with paper, rags or other combustible materials.

### 6.4. Reference to other headings

For residue disposal, refer to Section 13: Disposal Considerations. See Chapter 8.

## SECTION 7: Handling and storage

### 7.1. Precautions to be taken for safe handling

Additional Hazards During Treatment : Avoid contact with eyes, skin and clothing. Avoid open flames.

Precautions to be taken for safe handling danger : Keep under lock and key. Store in a well-ventilated area. Keep refrigerated. To avoid Electrostatic discharge hazards, the system must be properly grounded.

Handling Temperature : unavailable

Hygiene measures : Do not eat, drink or smoke while handling this product. Washing your hands and any other Exposed area with mild soap and water, before eating, drinking, smoking, and before leaving work. Wash soiled clothes before reuse. Handle in accordance with good industrial hygiene and safety practices.

### 7.2. Conditions for safe storage, including possible incompatibilities

Technical measures A: During storage, some separation may occur. Mix the product before use.

Storage conditions : Keep container tightly sealed. Store in a dry, cool, well-ventilated place.

Maximum storage time : 6 months

Heat and ignition sources : Store away from open flames, hot surfaces, and ignition sources.

Special packaging requirements : Store only in the original container.

### 7.3. Specific end-use(s)

Not available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

No further information available

### 8.2. Exposure controls

#### Appropriate technical controls:

Local exhaust ventilation or general ventilation of the room is normally required. Emergency showers available. Emergency eye washes and safety showers should be installed near any area where there is a risk of exposure.

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### Personal Protective Equipment:

Gloves. Protective clothing. Respiratory protection. Safety glasses.

#### Protective clothing - material selection:

Wear chemical-resistant protective clothing (EN 14605) and protective footwear (S1P or S3)

#### Hand Protection:

wear appropriate gloves tested according to EN 374. Thickness of the material of the gloves: > 0.11 mm. Break-up time: >,480 min.  
Nitrile rubber

#### Eye Protection:

Use safety goggles to protect against splashes. EN 166

#### Skin & Body Protection:

Wear appropriate protective clothing. Chemically resistant safety footwear. EN ISO 20344

#### Respiratory Protection:

If there is a risk of excessive production of dust, mist or vapours, use authorized respiratory protective equipment. If exposure limits are exceeded: Use respiratory protection recommended. EN 140

### Personal Protective Equipment Symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on essential physical and chemical properties

Physical state	:Liquid
Appearance	: Viscous liquid
Colour	:White.
Smell	: (typical).
Odour threshold	: No data available
ph	: 5.5 - 7 2% water
Relative evaporation rate (butyl acetate = 1)	:Not applicable
Melting point	:Not applicable
	: < 0 °C
Freezing Point	
Boiling point	: ≈ 100 °C
Flash Point	:Not applicable
Auto-ignition temperature	:Not applicable
Decomposition Temperature	: No data available
Flammability (solid, gas)	:Not applicable
Vapor Pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative Density	: 1 - 1.08 g/cm <sup>3</sup> @ 20 °C

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Solubility	: Water: Soluble
Log Pow	: No data available
Viscosity, kinematics	: No data available
Viscosity, dynamic	: < 150 cP @ 20 °C
Explosive Properties	:Not applicable.
Oxidizing properties	:Not applicable.
Explosive Limits	: No data available

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and responsiveness

### 10.1. Responsiveness

Stable under normal conditions of use.

### 10.2. Chemical Stability

Stable at normal temperatures and pressures.

### 10.3. Possibility of Dangerous Reactions

None under normal conditions.

### 10.4. Conditions to be avoided

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke. Keep away from incompatible materials.

### 10.5. Incompatible materials

No further information available

### 10.6. Hazardous Decomposition Products

Carbon monoxides (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute (oral) toxicity : Unclassified Acute (Dermal) Toxicity : Unclassified

Acute toxicity (inhalation) : Unclassified

#### Alcohols, C12-15, ethoxylated (68131-39-5)

Oral LD50	500 mg/kg
LD50 dermal route	> 2000 mg/kg

#### Alcohols, C9-11, branched, ethoxylated (169107-21-5)

Oral LD50	500 mg/kg
LD50 dermal route	> 2000 mg/kg

#### Zinc (Stearate) (91051-01-3)

LD50 oral rat	> 10 g/kg
LD50 dermal rabbit	> 2000 mg/kg
Inhalation LC50 rat (mg/L)	> 200 mg/l (Exposure time: 1 h)

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Skin corrosion/skin irritation	: Not rated pH: 5.5 - 7 2% water
Severe eye damage/eye irritation	: Causes severe eye irritation. pH: 5.5 - 7.2% water
Respiratory or skin sensitization	: Uncategorized
Mutagenicity on germ cells	: Uncategorized
Carcinogenicity	: Uncategorized
Reproductive toxicity	: Uncategorized
Specific Target Organ Toxicity (single exhibition)	: Uncategorized
Specific Target Organ Toxicity (repeated exposure)	: Uncategorized
Suction Hazard	

### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute Aquatic Toxicity	: Uncategorized
Chronic aquatic toxicity	: Uncategorized

#### 12.2. Persistence and degradability

No further information available

#### 12.3. Potential for Bioaccumulation

##### Zinc (Stearate) (91051-01-3)

Log Pow	1,2
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#### 12.4. Mobility in the Ground

No further information available

#### 12.5. Results of PBT and vPvB assessments

##### FLUOZINC

This substance/mixture does not meet the PBT criteria of the REACH Regulation Annex XIII

This substance/mixture does not meet the vPvB criteria of the REACH Regulation Annex XIII

#### 12.6. Other adverse effects

No further information available

### SECTION 13: Disposal Considerations

#### 13.1. Waste treatment methods

Waste Treatment Methods	: Waste Residues / Non-Products Used: Can be landfilled in accordance with local and national regulations. Contaminated packaging: in accordance with local and national regulations.
European Waste Catalogue Code (ECD)	: 16 05 09 - discarded chemicals other than those referred to in headings 16 05 06, 16 05 07 or 16 05 08

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### SECTION 14: Transport information

In accordance with the requirements of ADR/RID/IMDG/IATA/ADN

ADR	IMDG	IATA	DNA	RID
<b>14.1. UN Number</b>				
Unregulated	Unregulated	Unregulated	Unregulated	Unregulated
<b>14.2. UN Proper Shipping Name</b>				
Unregulated	Unregulated	Unregulated	Unregulated	Unregulated
<b>14.3. Transport hazard class(es)</b>				
Unregulated	Unregulated	Unregulated	Unregulated	Unregulated
<b>14.4. Packing Group</b>				
Unregulated	Unregulated	Unregulated	Unregulated	Unregulated
<b>14.5. Environmental Hazards</b>				
Unregulated	Unregulated	Unregulated	Unregulated	Unregulated
No additional information available				

### 14.6. Special precautions to be taken by the user

#### Transportation by land

Unregulated

#### Shipping

Unregulated

#### Air transport

Unregulated

#### Inland waterway transport

Unregulated

#### Rail transport

Unregulated

### 14.7. Carriage in bulk in accordance with Annex II of the Marpol Convention and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Substance-specific safety, health and environmental regulations/legislation

##### 15.1.1. EU regulations

Does not contain a restricted substance according to Annex XVII of REACH

Does not contain any substances on the REACH candidate list

Does not contain any substances listed in Annex XIV of REACH

VOC content : 0 %

##### 15.1.2. National Guidelines

No further information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been conducted for this substance or mixture by the supplier

### HEADING 16: Other information

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Abbreviations and acronyms:	
	CLP - Classification, Labelling and Packaging
	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
	SDS - Safety Data Sheet
	CSR - Chemical Safety Report
	Chemical Abstracts Service (CAS) Number
	PBT - persistent, bioaccumulative and toxic substances
	vPvB - very persistent and highly bioaccumulative
	Land Transport (ADR)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
RID	International Regulations concerning the Carriage of Dangerous Goods by Rail
LD50	Median lethal dose for 50% of the test population (median lethal dose)
	PVC (Polyvinyl Chloride).

Full text of the H and EUH sentences:	
Acute Tox. 4 (Oral)	Acute (oral) toxicity, Category 4
Aquatic Chronic 3	Aquatic Hazard — Chronic Hazard, Category 3
Eye Dam. 1	Severe Eye Damage/Eye Irritation, Category 1
H302	Harmful if swallowed.
H318	Causes severe eye damage.
H319	Causes severe eye irritation.
H412	Harmful to aquatic organisms, causes long-term adverse effects.

Classification and procedure used to establish the classification of mixtures in accordance with Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method

EU SDS (Annex II REACH)

*This information is based on our current knowledge and describes the product for health, safety and environmental purposes only. They should therefore not be interpreted as guaranteeing any specific property of the product*

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