



**SAFETY DATA SHEET**  
IN ACCORDANCE WITH HEALTH AND SAFETY GUIDELINES  
ACCORDING TO THE ISO 1401 STANDARD  
**Aristo Fluid Anti Spatter Fluid**

Issued: 2023-03-10

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Trade name** NANO anti spatter

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

**Product type** Surface protection

**Use** Prevents welding spatter from sticking

### 1.3. Details of the supplier of the safety data sheet

**SDS created by** TDST

**Supplier** BEHTAB SHIMI

Street address Street address hemat  
mahdasht Road  
KARAJ

Telephone 026 - 34853163

Email

behtabshimi@gmail.com

Web site [www.behtabshimi.ir](http://www.behtabshimi.ir)

### 1.4. Emergency telephone number

**Emergency phone number** 09120475510

**Available outside office hours** No

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The product is not classified

### 2.2. Label elements

The product do not require labeling

### 2.3. Other hazards

Not applicable

## SECTION 3: Composition/information on ingredients



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### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No.	Concentration	Classification	R-phrase H-phrase
(2-methoxymethylethoxy) propanol	34590-94-8 252-104-2 -	<100%	- -	- -
Glycerin	56-81-5 200-289-5 01-211947197-18	<100%	- -	- -

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

No special precautions required.

<b>Inhalation</b>	Move to fresh air and call for medical aid.
<b>Skin contact</b>	Generally the product does not irritate the skin.
<b>Eye contact</b>	Rinse immediately with plenty of water and seek medical advice.
<b>Ingestion</b>	Do not induce vomiting. Drink water. Call physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Not applicable

### 4.3. Indication of any immediate medical attention and special treatment needed

Not applicable

## SECTION 5: Firefighting measures

5.1. This substance is not flammable

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Not applicable

### 6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

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**6.3. Methods and material for containment and cleaning up**

Small amounts of spilled liquid soak up with non-flammable, absorbent material (sand, diatomite, universal binders, etc.) gather in closed container for disposal and utilized.

**6.4. Reference to other sections**

No dangerous reaction known under conditions of normal use  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment. No special precautions required.  
 See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

<b>Preventive handling precautions</b>	No special precautions required. Ensure effective ventilation.
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**7.2. Conditions for safe storage, including any incompatibilities**

Observe official regulations on storing pressurized containers.

**7.3. Specific end use(s)**

Not applicable

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

National occupational exposure limits	Ingredient	CAS no.	EC No.	Exposure limit mg/m <sup>3</sup> -ppm		Short-term exposure limit mg/m <sup>3</sup> -ppm	Remark	Source	Year
	Glycerin	56-81-5	200-289-5	15	-	-	Total dust	OSHA	2016
	Glycerin	56-81-5	200-289-5	5	-	-	Respirable fraction	OSHA	2016
	(2-methoxymethyl ethoxy)propanol	34590-94-8	252-104-2	-	-	-	No PEL	OSHA	2016

**8.2. Exposure controls**

<b>Technical precaution measures</b>	The usual precautionary measures are to be adhered to when handling chemicals.
<b>Eye / face protection</b>	Use eye protection.
<b>Safety gloves</b>	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**SECTION 9: Physical and chemical properties**

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9.1. Information on basic physical and chemical properties

<b>Appearance, colour</b>	Not applicable
<b>Appearance, physical state</b>	According to product specification, Fluid
<b>Auto-ignition temperature</b>	400 °C
<b>Boiling point</b>	100 °C
<b>Decomposition temperature</b>	Not applicable
<b>Density</b>	at 20 °C: 1.029 g/cm <sup>3</sup>
<b>Evaporation rate</b>	Not applicable
<b>Explosive properties</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Initial boiling point and boiling range</b>	61 °C Not applicable
<b>Lower explosion limit</b>	
<b>Melting point / freezing point</b>	0.9 Vol %
<b>Odour</b>	Not applicable
<b>Odour treshold</b>	characteristic
<b>Organic Solvent</b>	Not applicable
<b>Oxidising properties</b>	16.7 %
<b>Partition coefficient: n-octanol / water</b>	Not applicable
<b>Relative density</b>	Not applicable
<b>Solubility</b>	Not applicable
<b>Solubility in water</b>	Not applicable
<b>Upper / lower flammability or explosive limits</b>	82.0%
<b>Upper explosion limit</b>	Not applicable
<b>Vapour density</b>	
<b>Vapour pressure</b>	14.0 Vol %
<b>Viscosity</b>	Not applicable at 20 °C: 23 hPa Not applicable

9.2. Other information

Not applicable

## SECTION 10: Stability and reactivity

10.1. *Reactivity*

Not applicable

10.2. *Chemical stability*

Not applicable

10.3. *Possibility of hazardous reactions*

Not applicable

10.4. *Conditions to avoid*

Not applicable

10.5. *Incompatible materials*

Not applicable

10.6. *Hazardous decomposition products*

Not applicable

## SECTION 11: Toxicological information

11.1. *Information on toxicological effects*

<b>acute toxicity</b>	Not applicable
<b>skin corrosion/irritation</b>	Not applicable
<b>serious eye damage/irritation</b>	Not applicable
<b>Respiratory/skin sensitization</b>	Not applicable
<b>germ cell mutagenicity</b>	Not applicable
<b>Genotoxicity</b>	Not applicable
<b>carcinogenicity</b>	Not applicable
<b>reproductive toxicity</b>	Not applicable
<b>STOT-single exposure</b>	Not applicable
<b>STOT-repeated exposure</b>	Not applicable
<b>Aspiration hazard</b>	Not applicable

## SECTION 12: Ecological information

### 12.1. Toxicity

Not applicable

### 12.2. Persistence and degradability

Not applicable

### 12.3. Bioaccumulative potential

Not applicable

### 12.4. Mobility in soil

Not applicable

### 12.5. Other adverse effects

**Other adverse effects** Do not allow to enter sewers/ surface or ground water.

### Other

**Additional instructions** Water hazard class: slightly hazardous for water

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal considerations** Smaller quantities can be disposed of with household waste.

## SECTION 14: Transport information

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

## SECTION 15: Regulatory information

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

#### National regulations

Not applicable

## SECTION 16: Other information

#### Changes to previous revision

This Safety Data Sheet has been revised due to modification(s) to section(s) 16

#### References to key literature and data sources

Refer to ESAB "Welding and Cutting - Risks and Measures", F52-529 "Precautions and Safe Practices for Electric Welding and Cutting" and F2035 "Precautions and Safe Practices for Gas Welding, Cutting and Heating" available from ESAB, and to: [www.esab.com](http://www.esab.com)

#### Additional information

The date of the last review is 2023

The product has a health certificate from Ayman Pojohan Company under the supervision of Alborz University of Medical Sciences.

Has ISO 9001 and 14001 certificate from CERTROME company in Italy.

Has a health certificate from the Iranian Institute of Chemistry and Chemical Engineering.

Welding certificate. The color and smell of the product are from Razi Research Institute

information.

furnish this same information to each of its customers for the product.

request such customers to notify employees and customers for the same product hazards and safety information.

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