

SAFETY DATA SHEET

This Safety Data Sheet complies with Annex II of
830/2015 amending EC No.
1907/2006, Commission Regulation (EU) 2020/878
amending CLP directive 1272/2008, also in
accordance with ISO 11014-1 and ANSI Z400.1

Issued: 2022-05-12



Aristo Adv Antispatter Aerosol 500ml

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

1.1. Product identifier

Trade name Aristo Adv Antispatter Aerosol 500ml

UFI code WJ3W-U81T-Y7DX-37J5

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

Product type Surface protection

Relevant identified uses Prevents welding spatter from sticking

1.3. Details of the supplier of the safety data sheet

SDS created by TDS Team

Supplier ESAB AB

Street address Box 8004
402 77 Göteborg
Sweden

Telephone +46 31 509000

Email sdsrequest@esab.com

Web site www.esab.com

1.4. Emergency telephone number

Emergency phone number 44-870-8200418, 44-2038073798

Available outside office hours Yes

Other

Sup.Prod.no. 0700014073

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification Eye irritation, hazard category 2
Gases under pressure

Hazard statements H280, H319

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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.

Precautionary statements

P264 Wash hands and face thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

2.3. Other hazards

Other hazards

No other hazards known

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Glycerol	56-81-5 200-289-5 - -	10 - 25%	-	- - -	-
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6 - -	1 - 2.5%	Eye Irrit. 2	H319 - -	-
Nitrogen	7727-37-9 231-783-9 - -	1 - 2.5%	Press. Gas	H280 - -	-

Substance additional information

This product is a mixture. This product contains active substance with propellant. Unlisted ingredient(s) in this product is not classified as hazardous according to the regulatory criteria as required and defined in GHS, CLP & OSHA Hazard Communication (29 CFR Part 1910.1200) Standard / Regulations

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SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures	No special precautions required.
Inhalation	Move to fresh air and call for medical aid.
Skin contact	Generally the product does not irritate the skin.
Eye contact	Rinse immediately with plenty of water and seek medical advice.
Ingestion	Do not induce vomiting. Drink water. Call physician immediately.

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 extinguishing media	In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.
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5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Special protective equipment for fire-fighters	Wear respiratory protection.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures	Wear hand, head, eyes, ear and body protection like protective suit(EN 13034- Type 6), safety glasses, Solvent resistant gloves, face shield with filter lens, safety boots, apron, arm and shoulder protection. Keep protective clothing clean and dry.
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6.2. Environmental precautions

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

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 proper disposal

6.4. Reference to other sections

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

Preventive handling precautions

No special precautions required.
Ensure effective ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage, including any incompatibilities

Observe official regulations on storing pressurized containers.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Use industrial hygiene monitoring equipment to ensure that exposure does not exceed applicable national exposure limits. The following limits can be used as guidance. Unless noted, all values are for 8 hour time weighted averages (TWA).

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
Glycerin	56-81-5 200-289-5	- 10	UK WEL	Mist	2020
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6	- 67.5	UK WEL	-	2020
Nitrogen	7727-37-9 231-783-9	- -	UK WEL	-	2020

8.2. Exposure controls

Appropriate engineering controls

The usual precautionary measures are to be adhered to when handling chemicals.

Eye / face protection

Wear safety goggles.

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Hand protection

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Protection of hands: Wear gloves for the protection against chemicals according to EN 374 Solvent resistant gloves. Material of gloves: Nitrile rubber, NBR Recommended thickness of the material: > 0,35 mm

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol
Colour	Pink colour
Odour	No data available
Melting point / freezing point	No data available
Boiling point or initial boiling point and boiling range	100 °C
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	>100 °C
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Viscosity, dynamic	0.952 mPa · s
Solubility	Not miscible or difficult to mix with Water
Partition coefficient n-octanol/water	No data available
Vapour pressure	8000 hPa
Density and/or relative density	1.013 g/cm ³
Relative vapour density	No data available
Explosive properties	Product is not explosive. However, formation of explosive air/ vapour mixtures is possible.

9.2. Other information

No data available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No further relevant information available.
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10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Conditions to avoid	No decomposition if used according to specifications.
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10.5. Incompatible materials

Incompatible materials	No further relevant information available.
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10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

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

Information on toxicological effects	No data available.
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Acute toxicity	No data available.
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Skin corrosion/irritation	No data available.
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Serious eye damage/irritation	No data available.
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Respiratory or skin sensitisation	No data available.
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Germ cell mutagenicity	No data available.
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Genotoxicity	No data available.
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Carcinogenicity	No data available.
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Repeated dose toxicity	No data available.
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Reproductive toxicity	No data available.
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STOT-single exposure	No data available.
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STOT-repeated exposure	No data available.
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Aspiration hazard	No data available.
LD50 Oral	2-(2-butoxyethoxy) ethanol: Oral LD50 : >5600mg/kg (rat)
LD50 Dermal	2-(2-butoxyethoxy) ethanol: Dermal LD50 : 4000mg/kg (rabbit)
LC50 Inhalation	No data available.
Routes of exposure	No data available.

11.2. Information on other hazards

No data available

Other

Acute effects	No data available.
Long term effect	No data available.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity	No data available.
Toxicity	No data available.
Aquatic	No data available.
Soil	No data available.
Acute fish toxicity	No data available.
Acute algae toxicity	No data available.
Acute crustacean toxicity	No data available.
Chronical toxicity	No data available.

12.2. Persistence and degradability

Persistence and degradability	No data available.
Decay/transformation	No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential	No data available.
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12.4. Mobility in soil

Mobility	No data available.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

12.6. Endocrine disrupting properties

No data available

12.7. 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

UN number UN 1950

14.2. UN proper shipping name

Aerosols, non-flammable, n.o.s.

IMDG proper shipping name UN1950 AEROSOLS

14.3. Transport hazard class(es)

Label



2.2

ADR / RID Class Class 2 5A Gases. Label : 2.2

IMDG Class 2.2

IATA Class 2.2

ADN Class 2.5

14.4. Packing group

Not applicable

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14.5. Environmental hazards

IMDG Marine Pollutant No

14.6. Special precautions for user

Special precautions for user Warning: Gases

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Other

Additional information ADR-RID ADR-Excepted quantities (EQ) Code: E; Not permitted as Excepted Quantity; Tunnel restriction code E

Additional information IMDG IMDG-Limited quantities (LQ) 1L; Excepted quantities (EQ) Code: E0 Not permitted as Excepted Quantity

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL. of 19 November 2008. on waste and repealing certain Directives.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

National regulations

Class Share in %
Wasser 75-<100
NK 2.5-<10
· VOC-CH 1.08 %
· VOC-EU 14.6 g/l
· Danish MAL Code 2-1

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Other regulations, limitations and legal regulations

Poland Regulations:

ACT of 25 February 2011 on the chemical substances and their mixtures (OJ # 63, poz. 322).

Regulation of the Minister of Family, Labour and Social Policy of 12th June 2018 on the Maximum Admissible Concentrations and Intensities of Harmful to Health Agents in the Working Environment (Dz. U. No 1286)

The Act on Waste of 14 December 2012, Journal of Laws of 2013, item 21 with amendments

Act of 13th June 2013 on packaging management and packaging waste (Journal of Laws of 2013, item 888).

Regulation of the Minister of the Environment of 9 December 2014 on waste catalogue (Journal of Laws of 2014, item 1923).

Regulation of the Minister of Economy of 21 December 2005. Concerning essential requirements for personal protective equipment (Journal. Laws No. 259, item. 2173).

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the working environment (the Journal of Laws 2011, no. 33, item 166).

USA Regulations :

USA: This product contains or produces a chemical known to the state of California to cause cancer and birth defects (or other reproductive harm). (California Health & Safety Code § 25249.5 et seq.)

CERCLA/SARA Title III Reportable Quantities (RQs) and/or Threshold Planning Quantities (TPQs): Product is a solid solution in the form of a solid article. Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center and to your Local Emergency Planning Committee.

EPCRA/SARA TITLE 313 TOXIC CHEMICALS: There are no components listed as SARA 313 "Toxic Chemicals" and potential subject to annual SARA 313 reporting.

International Inventories:

Australia: The substance(s) in this product is/are in compliance with the inventory requirements of Australia- Inventory of Industrial Chemicals (AIIC)

United States EPA Toxic Substance Control Act: All constituents of this product are on the TSCA inventory list under active substances

Canadian Environmental Protection Act (CEPA): All constituent(s) of this product is/are on the Domestic Substance List (DSL).

15.2. Chemical safety assessment

Chemical safety assessment

No data available.

Other

Other

Read and understand the manufacturer's instructions, your employer's safety practices and the health and safety instructions on the label. Observe any federal and local regulations.

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SECTION 16: Other information

Changes to previous revision

Latest Revision of SDS as per Regulation and exposure limits – October 2021. This Safety Data Sheet has been revised due to modifications to Sections 1-16.

References to key literature and data sources

Refer to ESAB "Welding & Cutting - Risks and Measures", F52-529 "Precautions and Safe Practices for ARC WELDING, CUTTING & GOUGING" and F2035 "Precautions and Safe Practices for Gas Welding, Cutting and Heating" available from ESAB Website. www.esab.com

Phrase meaning

Eye Irrit. 2 - Eye irritation, hazard category 2
Press. Gas - Gases under pressure
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.

Other

Additional information

USA: Contact ESAB at www.esabna.com or 1-800 ESAB-123 if you have any questions about this SDS. American National Standard Z49.1 Safety in Welding and Cutting, ANSI/AWS F1.5 Methods for Sampling and Analyzing Gases from Welding and Allied Processes, ANSI/AWS F1.1 "Method for Sampling Airborne Particles Generated by Welding and Allied Processes", AWSF3.2M/F3.2 "Ventilation Guide for Weld Fume", 550 North Le Jeune Road, Miami Florida 33135. Safety and Health Fact Sheets available from AWS at www.aws.org.

OSHA Publication 2206 (29 C.F.R. 1910), U.S. Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954

American Conference of Governmental Hygienists (ACGIH), Threshold Limit Values and Biological Exposure Indices, 6500 Glenway Ave., Cincinnati, Ohio 45211, USA.

NFPA 51B "Standard for Fire Prevention During Welding, Cutting and Other Hot Work" published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169

UK: WMA Publication 236 and 237, "Hazards from Welding fume", "The arc welder at work, some general aspects of health and safety".

Germany: Germany: Accident prevention regulation BGV D1, "Welding, cutting and related processes".

Canada: CSA Standard CAN/CSA-W117.2-01 "Safety in Welding, Cutting, and Allied Processes".

This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

ESAB requests the users of this product to study this Safety Data Sheet (SDS) and become aware of product hazards and safety information. To promote safe use of this product a user should: notify its employees, agents and contractors of the information on this SDS and any product hazards/safety information. furnish this same information to each of its customers for the products

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

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