

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: 2022-05-10



Aristo Adv Antispatter 25L

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

1.1. Product identifier

Trade name Aristo Adv Antispatter 25L

UFI code V2MJ-HDYU-E4DR-UY71

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 20 3807 3798

Available outside office hours Yes

Other

Sup.Prod.no. 0700013029

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

Hazard statements H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



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Signal word Warning

Hazard statements 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.

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 - -	-

Substance additional information 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

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 Causes skin irritation. If skin irritation or erythema occurs, see physician.

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

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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.

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.

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.

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.

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.

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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
Glycerol	56-81-5 200-289-5	- 10	UK WEL	-	2020
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6	67.5 -	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.

Hand protection

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

Fluid

Colour

According to product specification

Odour

characteristic

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

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Flash point	61 °C
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	No data available
pH	10.5 at 20 °C
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water	No data available
Vapour pressure	at 20 °C: 23 hPa
Density and/or relative density	No data available
Relative vapour density	No data available
Explosive properties	Product does not present an explosion hazard.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

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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.
Acute toxicity	No data available.
Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Genotoxicity	No data available.
Carcinogenicity	No data available.
Repeated dose toxicity	No data available.
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
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.

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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.

12.4. Mobility in soil

Mobility No data available.

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 Not Regulated

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14.2. UN proper shipping name

Not Regulated

14.3. Transport hazard class(es)

Label Not Regulated

14.4. Packing group

Packing group Not Regulated

14.5. Environmental hazards

Environmental hazards Not Regulated

14.6. Special precautions for user

Special precautions for user Not Regulated

14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk according to IMO instruments Not Regulated

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.

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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
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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