

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: 2022-12-27



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

1.1. Product identifier

Trade name

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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

Product Stewardship & Sustainability Team

Supplier

ESAB AB

Street address

Box 8004

402 77 Göteborg

Sweden

Telephone

+46 31 509000

Email

Sustainability@esab.com

Web site

www.esab.com

1.4. Emergency telephone number

+44 20 3807 3798

Available outside office hours

Yes

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Other

Sup.Prod.no.

0700013028

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

The product does not require labelling in accordance with CLP Regulation (EC) No 1272/2008.

2.3. 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

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SECTION 4: First aid measures

4.1. Description of first aid measures

No special precautions required.

Inhalation

Move to fresh air and call for medical aid.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur

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.

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

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

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

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

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

Observe official regulations on storing pressurized containers.

7.3. Specific end use(s)

Prevents welding spatter from sticking

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

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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

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

20 °C: 23 hPa

Density and/or relative density

No data available

Relative vapour density

No data available

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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

SECTION 11: Toxicological information

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

No data available.

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

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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.

Routes of exposure

No data available.

11.2. Information on other hazards

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

No data available.

Decay/transformation

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Mobility

No data available.

12.5. 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.

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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 Regulated

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

Not Regulated

14.3. Transport hazard class(es)

Label

Not Regulated

14.4. Packing group

Not Regulated

14.5. Environmental hazards

Not Regulated

14.6. Special precautions for user

Not Regulated

14.7. Maritime transport in bulk according to IMO instruments

Not Regulated

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

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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

No data available

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(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

No data available.

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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.

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.

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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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