



Safety Data Sheet

Bestwelds Water Based Anti-Spatter Aerosol

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name Bestwelds Water Based Anti-Spatter Aerosol, Anchor Water Based Anti-Spatter Aerosol, Eagle Water Based Anti-Spatter Aerosol

Product Number 905-630-16OZ, ORS-630-1, ORS-630-9

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Welding Anti-spatter

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Weld-Aid Products

14650 Dequindre

Detroit , Michigan

Information Phone Number: +1 (313) 883-6977

+1 (313) 883-4930

E-mail info@weldaid.com

1.4 Emergency Telephone Number

Emergency Spill Information +1 (800) 255-3924

SDS Date of Preparation: March 3, 2015

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

CLP/GHS Classification (1272/2008):

Physical:	Health:	Environmental
Gases Under Pressure – Compressed Gas	Not Hazardous	Not Hazardous

EU Classification (67/548/EEC): Pressurized Container

2.2 Label Elements

WARNING!



Hazard Phrases

H280 Contains gas under pressure; may explode if heated.

Precautionary Phrases

P410 + Protect from sunlight. Store in a well-ventilated place.
P403

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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3.2 Mixtures:

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC)	GHS Classification Regulation (EC) No 1272/2008	%
Proprietary Ingredients	Mixture	Mixture	Not classified as dangerous	Not classified as hazardous	80-100
Nitrogen	7727-37-9	231-783-9	Not Applicable	Gases Under Pressure – Compressed Gas (H280)	<1

See Section 16 for further information on EU and GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eyes: Flush eyes with water for several minutes, holding the eyelids apart. If irritation or other symptoms persist, get medical attention.

Skin: No first aid should be required. If skin irritation develops, discontinue use and seek medical attention.

Inhalation: No first aid should be needed. If irritation develops, move to fresh air. Seek medical attention if irritation or other symptoms persist.

Ingestion: No first aid should be needed. Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to a person who is unconscious or drowsy. Seek medical attention.

Notes to Physicians: Treat symptomatically.

4.2 Most Important symptoms and effects, both acute and delayed:

May cause mild eye, skin, and respiratory tract irritation.

4.3 Indication of any immediate medical attention and special treatment needed:

None required.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use media appropriate for the surrounding fire. Cool fire exposed container with water.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force.

Hazardous Decomposition Products: Combustion may produce carbon oxides.

5.3 Advice for Fire-Fighters:

Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces. Protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate protective clothing as described in Section 8.

6.2 Environmental Precautions:

Report releases as required by local, state and federal authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Place leaking can in a pail in a well-ventilated area away from ignition sources until pressure has dissipated. Collect liquid using absorbents and place into a suitable container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 15 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

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7.1 Precautions for Safe Handling:

Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing mists. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep out of the reach of children. Do not puncture or incinerate containers.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store in a cool, dry, well ventilated area away oxidizing agents and other incompatible materials. Do not store in direct sunlight or above 120°F (48°C).

7.3 Specific end use(s):

Welding application.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Proprietary Ingredients	None Established
Nitrogen	None Established

8.2 Exposure Controls:

Engineering Controls: General ventilation should be adequate for normal use.

Respiratory Protection: None required for normal use.

Skin Protection: Impervious gloves are recommended if needed to avoid prolonged or repeated contact. Suggested materials for protective gloves include: Natural rubber or neoprene.

Eye Protection: Safety glasses with side shields are recommended if eye contact is possible. Follow facility requirements.

Other: Impervious clothing as needed to prevent prolonged/repeated skin contact. A safety shower and eye wash should be available in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Yellow opaque liquid packaged as an aerosol.	Vapor Density (air = 1): Not available
Odor: Mild odor	Specific Gravity: 0.995 (concentrate)
Odor Threshold: Not available	Water Solubility: 100% @ 25°C (concentrate)
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available
Boiling Point: 212°F (100°C) (concentrate)	Decomposition Temperature: Not applicable
Flash Point: Not flammable	Viscosity: Not available
Evaporation Rate: same as water	Explosion Properties: Not explosive
Flammable Limits: LEL: Not applicable UEL: Not applicable	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not available	

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use.

10.2 Chemical Stability:

Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions:

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None known

10.4 Conditions to Avoid:

Keep away from heat, sparks, flames and other sources of ignition. Avoid temperature in excess of 120°F (48°C).

10.5 Incompatible Materials:

Avoid strong oxidizers. .

10.6 Hazardous Decomposition Products:

Carbon oxides and hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: Direct contact may cause mild eye irritation with redness, tearing and pain.

Skin: May cause mild irritation, and dryness.

Inhalation: May cause irritation of the nose and throat.

Ingestion: None expected based on package form. If ingested may cause nausea.

Chronic Hazards: None known.

Acute Toxicity Values:

Nitrogen: No data available

Proprietary Ingredients: Oral rat LD50 >5,000 mg/kg; Dermal rabbit LD50 >2,000

Irritation: No data available. Liquid is expected to cause mild eye irritation.

Corrosivity: This is not a corrosive product.

Sensitization: This product is not expected to cause skin or respiratory sensitization.

Repeat Dose Toxicity: No chronic effects are expected.

Carcinogen Status: None of the components greater are listed as a carcinogen by IARC, NTP, ACGIH and OSHA.

Germ Cell Mutagenicity: None of the components have been shown to cause mutagenic activity.

Toxicity for Reproduction: none of the components have been shown to cause reproductive or developmental toxicity.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

The environmental impact of this product has not been fully investigated. The following is information for the components of the product:

Nitrogen: No data available

Proprietary Ingredients: No data available.

12.2 Persistence and Degradability:

No data available

12.3 Bioaccumulative Potential:

The product is not expected to bioaccumulate in aquatic organisms.

12.4 Mobility in Soil:

No data available.

12.5 Results of PBT and vPvB Assessment:

Not required.

12.6 Other Adverse Effects:

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None known

SECTION 13: DISPOSAL INFORMATION

13.1 Waste Treatment Methods

Dispose in accordance with local and national environmental regulations.

SECTION 14: TRANSPORT INFORMATION

	41.1 UN Number	41.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	UN1950	Aerosols	2.2	None	No
EU ADR/RID	UN1950	Aerosols	2.2	None	No
IMDG	UN1950	Aerosols	2.2	None	No

14.6 Special Precautions for User:

None

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable – product is transported only in packaged form.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

International Inventories:

US EPA TSCA Inventory: All of the components are listed on the TSCA inventory.

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List.

European Union: All of the components of this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

Australia: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

China: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).

Korea: All of the components of this product are listed on the Korean Existing Chemical List (KECL).

Philippines: All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

U.S. REGULATIONS

CERCLA: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Sudden Release of Pressure

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:
None

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects: None

INTERNATIONAL REGULATIONS

WHMIS Classification: Class A (Compressed Gas)

This product has been classified in accordance with the hazard criteria in the CPR and the SDS contains all the information required by the CPR.

15.2 Chemical Safety Assessment:

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Not required

SECTION 16: OTHER INFORMATION

SDS Revision History:

3/3/15: New SDS

GHS Phrases for Reference (See Section 2 and 3):

H280 Contains gas under pressure; may explode if heated.

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

None

This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted usage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.